



SANT GADGE BABA AMRAVATI UNIVERSITY

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Table NO.1

| Sr. NO | Name of the building | metering pt | Location | Meter NO. | Meter Details | | | | | C.T. Details | Remarks and Observations |
|--------|---------------------------------------|--|---------------------------------|------------|---------------|----------------------------|------------------|-------------------------------|-------|--------------|---------------------------------|
| | | | | | 1Ph/3Ph | Volt Current/C.T. Operated | Current Capacity | Electronic or Electromagnetic | Other | | |
| 1 | Administration Building | Administration Building | In Room | 1K 091077 | 3 PH | 0 | 5A | Electronic | - | 400/5 | OK |
| | | DR. K G Deshmukh Hall(Addministrative Building) | Project Room | 90056 | 3 PH | CT operated | 40 A | Electronic | - | 200/5A | OK |
| 2 | Annexe Administration Building | Annexe Administration Building | (In passage)AC Load | 1K 090054 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| | | Annexe Administration Building | (In Passage)Light Load | 3PL-26098 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 3 | Health centre | Health centre | In Hall | TPL385115 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 4 | Confidential building | Confidential building | Near Entrance | 3PL-26234 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 5 | Women's facilities centre | Women's facilities centre | in Corridor | 385697 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 6 | Physical Education & Recreation Board | Physical Education & Recreation Board | IN corridor , near water cooler | N10060 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | Meter is not functioning |
| 7 | Pavilion- Phy Edu. & Rech Build. | Pavilion- Phy Edu. & Rech Build. | In Passage | 12661 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 8 | Multi Purpose Hall Physical Education | Multi Purpose Hall Physical Education | In Passage | 26505 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 9 | Physical education research lab | Physical education research lab | - | - | - | - | - | - | - | - | Meter Not available |
| 10 | Employee welfare Co-Op society | Employee welfare Co-Op society | In room | 61762 | 1 PH | Volt Current Operated | 30A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Xerox room | In room | 203567 | 1 PH | Volt Current Operated | 30A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 11 | Garden Section | Garden Section | In water cooler room | 1H 2688248 | 1 PH | Volt Current Operated | 30A | Electronic | - | NA | OK |
| 12 | Guest House | Guest House | Out side Panel | 1K 090057 | 3 PH | CT operated | 5A | Electronic | - | 100/5A | OK |
| | | Guest House | Out side Panel | 11082560 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |

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| Sr. NO | Name of the building | metering pt | Location | Meter NO. | Meter Details | | | | | C.T. Details | Remarks and Observations |
|--------|--|--|-------------------------|-----------|---------------|----------------------------|------------------|-------------------------------|-------|--------------|---------------------------------|
| | | | | | 1Ph/3Ph | Volt Current/C.T. Operated | Current Capacity | Electronic or Electromagnetic | Other | | |
| | | Guest House | Out side Panel | 105115 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 13 | Khansama (IGNOU)- Near Guest House | Khansama Qtr(IGNOU)- Near Guest House | In Room | 10528 | 1 PH | Volt Current Operated | 20A | Electronic | - | NA | OK |
| 14 | Class IV Qtr1 &2 Guest House | Class IV Qtr Guest House 1 | In Room | 2688249 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Class IV Qtr Guest House 2 | In Room | 2688245 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 15 | IQAC Building | IQAC Building | Small room near passage | 9807952 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| | | IQAC Building | Small room near passage | 1C 468236 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | Meter calibration to be done |
| 16 | Dr. Shrikant Jichkar memorial Bhavan | Dr. Shrikant Jichkar memorial Bhavan | In room | 1k 093271 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| | | Dr. Shrikant Jichkar memorial Bhavan | In room | 1398607 | 3 PH | CT operated | 5A | Electronic | - | 100/5A | OK |
| 17 | Barrack for office Life long learning/Adult education Building | Barrack for office Life long learning/Adult education Building | In Passage | 3PL-26544 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 18 | Shikshak bhavan | Shikshak bhavan | In passage | 3PL-26151 | 3 PH | Volt Current Operated | 60 | Electronic | - | NA | OK |
| 19 | Store Building | Store Building | In Passage | 3PL-26300 | 3 PH | Volt Current Operated | 60 | Electronic | - | NA | OK |
| 20 | Electric Sub-Station | Electric Sub-Station | In Room | 26291 | 3 PH | Volt Current Operated | 40 | Electronic | - | NA | OK |
| 21 | Swimming Pool | Swimming Pool | In Filter Room | 1K-079512 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| 22 | Valuation building | Valuation building | In Room | 1K079501 | 3 PH | CT operated | 5 Amp | Electronic | - | 200/5A | OK |
| 23 | Karmachari Bhavan | Karmachari Bhavan | Near Guest House | 10829 | 3 PH | CT operated | 5A | Electronic | - | NA | OK |
| 24 | Bank | Bank | out side | 10078673 | 3 PH | Volt Current Operated | 50A | Electromagnetic | - | NA | Meter is old. Needs replacement |

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| Sr. NO | Name of the building | metering pt | Location | Meter NO. | Meter Details | | | | | C.T. Details | Remarks and Observations |
|--------|---------------------------------|--|--------------------------|------------|---------------|----------------------------|------------------|-------------------------------|-------|--------------|---------------------------------|
| | | | | | 1Ph/3Ph | Volt Current/C.T. Operated | Current Capacity | Electronic or Electromagnetic | Other | | |
| 25 | Vidyarthi Bhavan (NSS) | Vidyarthi Bhavan (NSS) | In Outside Room | 3 PL 26012 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | Meter calibration to be done |
| | | Vidyarthi Bhavan | In Outside Room | 10078115 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| | | Vidyarthi Bhavan (Employment Bureau-NSS) | Near Passage | N12676 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 26 | Toilet Block - Vidharthi Bhavan | Toilet Block - Vidharthi Bhavan | - | - | - | - | - | - | - | - | Meter Not available |
| 27 | Main Gate | Main Gate | In room | 10063 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 28 | Main gate Garden | Main gate Garden | - | - | - | - | - | - | - | - | Meter Not available |
| 29 | Canteen | Canteen (old) | In Passage | 2085679 | 3 PH | Volt Current Operated | 40 A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Canteen (New) | In Passage | 495046 | 3 PH | Volt Current Operated | 60A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 30 | Visava- Sthal | Visava- Sthal | In Passage | 803849 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 31 | Paneri | Paneri | In Passage | 12645 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 32 | Post office | Post office | - | - | - | - | - | - | - | - | Meter Not available |
| 33 | Security Office | Security office | - | - | - | - | - | - | - | - | Meter Not available |
| 34 | Library Building | Library Building | In panel Room | 1K 079514 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| | | Library Building | In panel Room | 1387964 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| | | CIC Lab | Near Entrance , in Panel | 1K 093062 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| | | FAB Lab | Outside Room | 1K 109776 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| 35 | Home science building | Home science building | In Passage | 3PL-26073 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |

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|--------|---|---|---------------------|-----------|---------------|----------------------------|------------------|-------------------------------|-------|--------------|--------------------------|
| | | | | | 1Ph/3Ph | Volt Current/C.T. Operated | Current Capacity | Electronic or Electromagnetic | Other | | |
| 36 | MBA building | MBA building | Electric Panel Room | 3PL 26031 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| | | MBA building | Electric Panel Room | 12916501 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| 37 | Education Building | Education Building | Passage | 1K 079508 | 3 PH | CT operated | 5A | Electronic | - | 100/5A | OK |
| | | AV Theatre | Passage | 1K 090433 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| 38 | Zoology Building | Zoology Building | Electric Panel Room | 3PL-26321 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 39 | English Building | English Building | meter room | 16024885 | 3 PH | CT operated | 10A | Electronic | - | 200/5A | OK |
| 40 | Botany Building | Botany building | In outside room | 1k 079510 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| 41 | Applied electronics and Computer Building | Applied electronics and Computer Building | In room | 1k 079211 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| | | Applied electronics and Computer Building | In room | 1K 079502 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| 42 | Chemistry building | chemistry building | In room | 1k-093063 | 3 PH | Volt Current Operated | 5A | Electronic | - | NA | OK |
| 43 | Physics Building | Physics Building | In Room | 18860581 | 3 PH | Volt Current Operated | 60 | Electronic | - | NA | OK |
| | | Physics Building | In Room | 3839156 | 3 PH | Volt Current Operated | 60 | Electronic | - | NA | OK |
| 44 | Geology Building | Geology Building | In Room | 1k-090050 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| 45 | Physical Education Department | Physical Education Department | Near yard , In room | 3PL-26134 | 3 PH | Volt Current Operated | 40 | Electronic | - | NA | OK |
| 46 | Chemical Technology | Chemical Technology | Room in Lab | 1K 079506 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| | | Chemical Technology | Room in Corridor | 1K 079513 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| | | Biotechnology | In Room | 11082109 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |

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| Sr. NO | Name of the building | metering pt | Location | Meter NO. | Meter Details | | | | | C.T. Details | Remarks and Observations |
|--------|--|--|----------------------|-----------|---------------|----------------------------|------------------|-------------------------------|-------|--------------|---------------------------------|
| | | | | | 1Ph/3Ph | Volt Current/C.T. Operated | Current Capacity | Electronic or Electromagnetic | Other | | |
| 47 | Biotechnology | Biotechnology | In Room | 1K079509 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | Meter calibration to be done |
| | | Biotechnology | In Room | 1K079504 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |
| 48 | Warden Qtr SC Boys Hostel (Competitive exam guidance centre) | Warden Qtr SC Boys Hostel (Competitive exam guidance centre) | Back side room | 8455 | 3 PH | Volt Current Operated | 40 A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Competitive exam guidance center- Arealighting | Back side room | 111153 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 49 | Distance Education(Warden Qtr SC Girls Hostel Idea) | Distance Education(Warden Qtr SC Girls Hostel) | In Passage Back side | 211016 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Warden Qtr SC Girls Hostel Idea | In Passage Back side | 9025287 | 3 PH | Volt Current Operated | 40 A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Warden Qtr SC Girls Hostel Idea | In Passage Back side | 8829935 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 50 | Human Resource Development centre (ASC) | Human Resource Development centre (ASC) | Near Wash Room | 11082107 | 3 PH | CT operated | 5A | Electronic | - | 100/5A | OK |
| 51 | Barrack for godown (Law department) | Barrack for godown (Law department) | Outside | 3PL-26580 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 52 | One additional Barrak (Mathematics/ Statistics/Migration dept) | Mathematics/ Statistics/Migration dept (Old Barrack NO-3) | Below the stairs | 1k 079505 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | Meter calibration to be done |
| 53 | Barrack 3 nos. (Micro biology/PhD Cell) | Barrack 3 nos. (Micro biology/PhD Cell) | In passage | 3PL-26253 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 54 | Boys hostel No-1 | Boys hostel No-1 | near room NO.1 | 1443 | 3 PH | Volt Current Operated | 60A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 55 | Boys Hostel No. -2 | Boys Hostel No. -2 | meter room | 4046 | 3 PH | Volt Current Operated | 60A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 56 | Class IV Qtr 1&2 SC Boys Hostel/ Boys Hostel-2) | Class IV Qtr SC Boys Hostel 1 | In Passage | 111134 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |

Table NO.1

| Sr. NO | Name of the building | metering pt | Location | Meter NO. | Meter Details | | | | | C.T. Details | Remarks and Observations |
|--------|---|----------------------------------|-----------------|------------|---------------|----------------------------|------------------|-------------------------------|-------|--------------|---------------------------------|
| | | | | | 1Ph/3Ph | Volt Current/C.T. Operated | Current Capacity | Electronic or Electromagnetic | Other | | |
| 56 | Class IV Qtr 1&2 SC Boys Hostel (Boys Hostel 2) | Class IV Qtr SC Boys Hostel 2 | In Passage | 2052 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 57 | Guest room of Boys hostel NO-2 | Guest room of Boys Hostel No-2 | - | - | - | - | - | - | - | - | Meter Not available |
| 58 | Girls Hostel 1 | Girls Hostel 1 | Near Wash Room | 3008396 | 3 PH | Volt Current Operated | 60A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Girls Hostel 1 | In Passage | 3PL-26577 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 59 | Girls Hostel 2 | Girls Hostel 2 | In Meter Room | 4725 | 3 PH | Volt Current Operated | 60A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 60 | Class IV Qtr SC Girls Hostel 2 | Girls Hostel 2 | In Quarter 1 | 211013 | 1 PH | Volt Current Operated | 10A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Girls Hostel 2 | In Quarter 2 | 1H 2688250 | 1 PH | Volt Current Operated | 30A | Electronic | - | NA | OK |
| | | Guest room of girls Hostel No-2 | - | - | - | - | - | - | - | - | Meter Not available |
| 61 | Girls Hostel 3 | Girls Hostel 3 | - | - | - | - | - | - | - | - | Meter Not available |
| 62 | Class IV Qtr 1 & 2 at Girls hostel 1 | Class IV Qtr 1 at Girls hostel 1 | In Room | 922 | 1 PH | CT operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Class IV Qtr 2 at Girls hostel 1 | In Room | - | 1 PH | CT operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 63 | Hon. V.C's Bungalow | Hon. V.C's Bungalow | In washing Area | 3PL- 26559 | 3 PH | Volt Current Operated | 40 | Electronic | - | NA | OK |
| 64 | Class IV Qtr VC Bungalow | Class IV Qtr VC Bungalow -1 | In Room | 427274 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Class IV Qtr VC Bungalow -2 | In Room | 33457 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 65 | Valuers Hostel | Valuers Hostel | In Room | 1K 079503 | 3 PH | CT operated | 5A | Electronic | - | 200/5A | OK |

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| Sr. NO | Name of the building | metering pt | Location | Meter NO. | Meter Details | | | | | C.T. Details | Remarks and Observations |
|--------|-----------------------------------|-----------------------------------|-------------------|-----------|---------------|----------------------------|------------------|-------------------------------|-------|---------------------|---------------------------------|
| | | | | | 1Ph/3Ph | Volt Current/C.T. Operated | Current Capacity | Electronic or Electromagnetic | Other | | |
| 66 | Teachers Qtr Block 1 | Teachers Qtr Block 1 | In Room | 1021542 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Teachers Qtr Block 2 | In Room | 22881834 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Teachers Qtr Block 3 | In Room | 1021574 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Teachers Qtr Block 4 | In Room | 1021714 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Teachers Qtr Block 5 | In Room | 1021600 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Teachers Qtr Block 6 | In Room | 1021688 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Teachers qtr area Light | In Room | 1021841 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Teachers qtr AC Meter | In Room | 90274 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 67 | HRDC Guest House | HRDC Guest House | - | - | - | - | - | - | - | Meter Not available | |
| 68 | Class IV Qtr Orange garden 1 | Class IV Qtr Orange garden 1 | In Room | 94995 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| | | Class IV Qtr Orange garden 2 | In Room | 924 | 1 PH | Volt Current Operated | 20A | Electromagnetic | - | NA | Meter is old. Needs replacement |
| 69 | Chawkidar Qtr- Phy. Edu Buld. | Chawkidar Qtr- Phy. Edu Buld. | In Room | 26039 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 70 | Street light DL road | Street light DL road | Near Annex Builg. | 26030 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 71 | Street Light Electric Sub station | Street Light Electric Sub station | In panel Room | 26167 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |

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|--------|--|--|-------------------------|-----------|---------------|----------------------------|------------------|-------------------------------|-------|--------------|--------------------------|
| | | | | | 1Ph/3Ph | Volt Current/C.T. Operated | Current Capacity | Electronic or Electromagnetic | Other | | |
| 72 | Street Light Shikshak Bhavan | Street Light Shikshak Bhavan | Near Hostel NO-3 | 26062 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 73 | Street Light near math building Gate NO-1 | Street Light near math building Gate NO-2 | Below the stairs | 3803 | 1 PH | Volt Current Operated | 30A | Electronic | - | NA | OK |
| 74 | Street Light Addl. Barracks-1 | Street Light Addl. Barracks-2 | Near Feeder pillar | 2688246 | 1 PH | Volt Current Operated | 30A | Electronic | - | NA | OK |
| 75 | Street Light Main Gate | Street Light Main Gate | In Guard Room | 10063 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 76 | Street Light Library | Street Light Library | In Feeder Pilleer | 10059 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 77 | Street Light Sport Sector (Research lab -Phy Education) | Street Light Sport Sector (Research lab -Phy Education) | In Research Lab | 10056 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 78 | street Light Valuer's Hostel | street Light Valuer's Hostel | Near Competitive centre | 12675 | 3 PH | Volt Current Operated | 40 A | Electronic | - | NA | OK |
| 79 | Street Light SC Girls Hostel | Street Light SC Girls Hostel | - | - | - | - | - | - | - | - | Meter Not available |
| 80 | Street Light Chemical Technology | Street Light Chemical Technology | - | - | - | - | - | - | - | - | Meter Not available |
| 81 | Street Light Athletic track Tower | Street Light Athletic track Tower | - | - | - | - | - | - | - | - | - |
| 82 | Boys Hostel Street Light | Boys Hostel Street Light | - | - | - | - | - | - | - | - | Meter Not available |

| Table No. 3 | | | | | | | | | | | | |
|--|------------------------|------------------------------------|--------------------------------|---------------|-----------------------|--------------------------|---------------------------------------|----------------------------------|---------------------------------------|---------------------------------|--------------------------------|-------|
| Consolidated Building Wise Existing load | | | | | | | | | | | | |
| Sr.No | Appliances | Administration Building | Annexe Administration Building | Health centre | Confidential building | Womens facilities center | Physical Education & Recreation Board | Pavillion-Phy Edu. & Rech Build. | Multi Purpose Hall Physical Education | Physical education research lab | Employee welfare Co-Op society | |
| | Meter No.1 | 1K 091077 | 1K 090054 | TPL385115 | 3PL-26234 | TPL385115 | N10060 | 12661 | 26505 | - | 61762 | |
| | Meter No.2 | 90056 | 3PL-26098 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 203567 | |
| | Meter No.3 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Fan | Ceiling Fan | 173 | 47 | 8 | 51 | 5 | 17 | 4 | 5 | 7 | 6 |
| 2 | | Exhaust Fan | 63 | 11 | 2 | 9 | 1 | 7 | 0 | 5 | 2 | 1 |
| 3 | | Bracket Fan | 9 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Cabin Fan | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Air Conditioner | Windows A/C (1.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | Windows A/C (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | Air Conditioner (SS) (1.5 Ton) | 16 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Air Conditioner (SS) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | | Air Conditioner (MS) (3 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 | | Air Conditioner (D) (5.5 Ton) | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6 | | Air Conditioner (D) (8.5 Ton) | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 7 | | Air Conditioner (Cassette) (2 Ton) | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8 | | Air Cooler | 31 | 8 | 0 | 5 | 0 | 2 | 0 | 0 | 0 | |
| 9 | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 1 | Lighting | Tube Light 1 x 40 W | 262 | 103 | 10 | 119 | 0 | 35 | 0 | 18 | 19 | 8 |
| 2 | | Tube Light 2 x 40 W | 45 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| 3 | | CFL DL 1 x 11 W | 4 | 1 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |
| 4 | | CFL DL 2 x 11 W | 27 | 18 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | CFL DL 2 x 36 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | CFL INT 11 W | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 7 | | CFL INT 5 W | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 3 | 0 | 0 |
| 8 | | CFL SL 1x 36 W | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 9 | | MV 125 W | 4 | 3 | 0 | 0 | 0 | 2 | 1 | 1 | 3 | 0 |
| 10 | | MH 70 W | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | | MH 150 W | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 12 | | MH 250 W | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | | Other - | 33 | 3 | 0 | 6 | 15 | 4 | 0 | 4 | 0 | 4 |
| 1 | UPS (In-ph , out-ph) | UPS 3 kVA | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | UPS 5 kVA | 4 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | UPS 10 kVA (1 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | | UPS 10 kVA (3 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Other - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 1 | Equipments | Computer | 95 | 35 | 0 | 17 | 1 | 5 | 0 | 0 | 3 | |
| 2 | | Printer | 57 | 20 | 0 | 5 | 1 | 3 | 0 | 0 | 3 | |
| 3 | | Xerox M/C | 11 | 2 | 0 | 3 | 0 | 1 | 0 | 0 | 1 | |
| 4 | | Scanner | 5 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | |
| 5 | | Other - | 10 | 3 | 0 | 0 | 4 | 1 | 0 | 0 | 2 | 3 |
| 1 | Other Units | Motor (1Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | Motor (3Ph) | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | Gyser | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 4 | | Water Cooler | 2 | 2 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | |
| 5 | | Other - | 2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Load Detail | Lighting load (KW) | 22.91 | 1.074 | 0.488 | 4.901 | 0.394 | 1.762 | 0.515 | 3.16 | 1.135 | 0.446 |
| 2 | | Power load (KW) | 117.18 | 40.474 | 5.0066 | 22.97 | 4.08 | 9.65 | 0.24 | 0.8 | 7.22 | 5.27 |
| 3 | | A/C load (KW) | 76.00 | 48.12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Total load (KW) | 216.09 | 89.668 | 5.4946 | 27.871 | 4.474 | 11.412 | 0.755 | 3.96 | 8.355 | 5.716 |

| Table No. 3 | | | | | | | | | | | | |
|--|------------------------|------------------------------------|-------------|---------------------------------------|----------------------------|---------------|--------------------------------------|--|-----------------|----------------|----------------------|-------|
| Consolidated Building Wise Existing load | | | | | | | | | | | | |
| Sr.No | Appliances | Garden Section | Guest House | Khansama Qtr(IGNOU)-Near Guest House | Class IV Qtr Guest House 1 | IQAC Building | Dr. Shrikant Jichkar memorial Bhavan | Barrack for office Life long learning/Adult education Building | Shikshak bhavan | Store Building | Electric Sub-Station | |
| | Meter No.1 | 1H 2688248 | 1K 090057 | 10528 | 2688249 | 9807952 | 1k 093271 | 3PL-26544 | 3PL-26151 | 3PL-26300 | 26291 | |
| | Meter No.2 | 0 | 11082560 | 0 | 2688245 | 1C 468236 | 1398607 | 0 | 0 | 0 | 0 | |
| | Meter No.3 | 0 | 105115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Fan | Ceiling Fan | 8 | 45 | 2 | 2 | 16 | 104 | 15 | 11 | 24 | 7 |
| 2 | | Exhaust Fan | 0 | 20 | 1 | 1 | 9 | 25 | 2 | 4 | 9 | 5 |
| 3 | | Bracket Fan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 4 | | Cabin Fan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 5 | | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Air Conditioner | Windows A/C (1.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| 2 | | Windows A/C (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | Air Conditioner (SS) (1.5 Ton) | 0 | 10 | 0 | 0 | 4 | 10 | 0 | 0 | 3 | 0 |
| | | Air Conditioner (SS) (2 Ton) | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Air Conditioner (MS) (3 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Air Conditioner (D) (5.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | Air Conditioner (D) (8.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | Air Conditioner (Cassette) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | Air Cooler | 1 | 2 | 0 | 0 | 0 | 7 | 0 | 0 | 8 | 3 |
| 9 | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Lighting | Tube Light 1 x 40 W | 19 | 0 | 2 | 2 | 1 | 1 | 23 | 5 | 61 | 15 |
| 2 | | Tube Light 2 x 40 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 |
| 3 | | CFL DL 1 x 11 W | 0 | 14 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 4 | | CFL DL 2 x 11 W | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | CFL DL 2 x 36 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | CFL INT 11 W | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | CFL INT 5 W | 0 | 33 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | CFL SL 1x 36 W | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| 9 | | MV 125 W | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10 | | MH 70 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | | MH 150 W | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 12 | | MH 250 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | | Other - | 2 | 47 | 0 | 8 | 75 | 181 | 2 | 11 | 2 | 0 |
| 1 | UPS (In-ph , out-ph) | UPS 3 kVA | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 2 | | UPS 5 kVA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 3 | | UPS 10 kVA (1 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | UPS 10 kVA (3 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Equipments | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | | Computer | 1 | 0 | 0 | 0 | 9 | 31 | 28 | 0 | 19 | 2 |
| 3 | | Printer | 1 | 0 | 0 | 0 | 5 | 5 | 7 | 0 | 18 | 1 |
| 4 | | Xerox M/C | 0 | 0 | 0 | 0 | 2 | 3 | 1 | 0 | 2 | 0 |
| 5 | | Scanner | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 |
| | Other - | 0 | 31 | 0 | 2 | 3 | 7 | 3 | 0 | 1 | 1 | |
| 1 | Other Units | Motor (1Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | | Motor (3Ph) | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 3 | | Gyser | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Water Cooler | 1 | 2 | 0 | 0 | 1 | 3 | 1 | 1 | 1 | 1 |
| 5 | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Load Detail | Lighting load (KW) | 0.832 | 3.3585 | 0.1 | 0.523 | 2.102 | 5.384 | 1.083 | 1.858 | 2.595 | 0.725 |
| 2 | | Power load (KW) | 6.47 | 70.82 | 0.22 | 0.62 | 11.26 | 29.016 | 12.98 | 2.56 | 27.78 | 7.89 |
| 3 | | A/C load (KW) | 0 | 0 | 0 | 0 | 6.264 | 15.128 | 10 | 0 | 4.698 | 0 |
| 4 | | Total load (KW) | 7.302 | 74.1785 | 0.32 | 1.143 | 19.626 | 49.528 | 24.063 | 4.418 | 35.073 | 8.615 |

| Table No. 3 | | | | | | | | | | | | |
|--|------------------------|------------------------------------|--------------------|-------------------|----------|------------------------|---------------------------------|-----------|------------------|---------------|---------------|-------|
| Consolidated Building Wise Existing load | | | | | | | | | | | | |
| Sr.No | Appliances | Swimming Pool | Valuation building | Karmachari Bhavan | Bank | Vidyarthi Bhavan (NSS) | Toilet Block - Vidharthi Bhavan | Main Gate | Main gate Garden | Canteen (old) | Visava- Sthal | |
| | Meter No.1 | 1K-079512 | 1K079501 | 10829 | 10078673 | 3 PL 26012 | - | 10063 | - | 2085679 | 803849 | |
| | Meter No.2 | 0 | #REF! | 0 | 0 | 10078115 | 0 | 0 | 0 | 495046 | 0 | |
| | Meter No.3 | 0 | #REF! | 0 | 0 | N12676 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Fan | Ceiling Fan | 4 | 536 | 23 | 10 | 41 | 0 | 1 | 0 | 29 | 0 |
| 2 | | Exhaust Fan | 3 | 47 | 7 | 4 | 19 | 9 | 0 | 0 | 6 | 2 |
| 3 | | Bracket Fan | 0 | 18 | 0 | 0 | 10 | 0 | 0 | 0 | 1 | 0 |
| 4 | | Cabin Fan | 0 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Air Conditioner | Windows A/C (1.5 Ton) | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | | Windows A/C (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | Air Conditioner (SS) (1.5 Ton) | 0 | 3 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | | Air Conditioner (SS) (2 Ton) | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Air Conditioner (MS) (3 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Air Conditioner (D) (5.5 Ton) | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | Air Conditioner (D) (8.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | Air Conditioner (Cassette) (2 Ton) | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 5 | 0 |
| 8 | | Air Cooler | 0 | 60 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | Other - | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Lighting | Tube Light 1 x 40 W | 54 | 767 | 26 | 24 | 97 | 17 | 2 | 1 | 39 | 4 |
| 2 | | Tube Light 2 x 40 W | 0 | 18 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | CFL DL 1 x 11 W | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | CFL DL 2 x 11 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | CFL DL 2 x 36 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| 6 | | CFL INT 11 W | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | CFL INT 5 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | CFL SL 1x 36 W | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 12 | 0 |
| 9 | | MV 125 W | 0 | 0 | 0 | 1 | 7 | 3 | 0 | 0 | 8 | 1 |
| 10 | | MH 70 W | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 11 | | MH 150 W | 0 | 4 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| 12 | | MH 250 W | 1 | 13 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 13 | | Other - | 19 | 17 | 4 | 11 | 1 | 0 | 0 | 0 | 6 | 0 |
| 1 | UPS (In-ph , out-ph) | UPS 3 kVA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 2 | | UPS 5 kVA | 0 | 4 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 3 | | UPS 10 kVA (1 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | UPS 10 kVA (3 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other - | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Equipments | Computer | 0 | 82 | 0 | 10 | 12 | 0 | 0 | 0 | 0 | 0 |
| 2 | | Printer | 0 | 22 | 0 | 2 | 10 | 0 | 0 | 0 | 0 | 0 |
| 3 | | Xerox M/C | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Scanner | 0 | 12 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Other - | 0 | 7 | 1 | 5 | 3 | 0 | 0 | 0 | 9 | 0 |
| 1 | Other Units | Motor (1Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 2 | | Motor (3Ph) | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 3 | | Gyser | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Water Cooler | 1 | 5 | 1 | 1 | 2 | 0 | 0 | 1 | 2 | 0 |
| 5 | | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Load Detail | Lighting load (KW) | 9.885 | 36.326 | 3.724 | 1.669 | 5.867 | 1.055 | 0.08 | 0.04 | 3.537 | 0.285 |
| 2 | | Power load (KW) | 24.54 | 146.278 | 9.71 | 17.205 | 24.7 | 0.9 | 0.06 | 5.18 | 18.42 | 0.2 |
| 3 | | A/C load (KW) | 0 | 47.926 | 0 | 7.3 | 9.396 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Total load (KW) | 34.425 | 231 | 13.434 | 26.174 | 39.963 | 1.955 | 0.14 | 5.22 | 21.957 | 0.485 |

| Table No. 3 | | | | | | | | | | | | |
|--|------------------------|------------------------------------|-------------|-----------------|----------------------|-----------------------|--------------|--------------------|------------------|------------------|-----------------|--------|
| Consolidated Building Wise Existing load | | | | | | | | | | | | |
| Sr.No | Appliances | Paneri | Post office | Security Office | Consolidated Library | Home science building | MBA building | Education Building | Zoology Building | English Building | Botany building | |
| | Meter No.1 | 12645 | - | - | | 3PL-26073 | 3PL 26031 | 1K 079508 | 3PL-26321 | 16024885 | 1k 079510 | |
| | Meter No.2 | 0 | 0 | 0 | | 0 | 12916501 | 1K 090433 | 0 | 0 | 0 | |
| | Meter No.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Fan | Ceiling Fan | 0 | 0 | 2 | 462 | 98 | 73 | 127 | 70 | 27 | 68 |
| 2 | | Exhaust Fan | 0 | 0 | 0 | 41 | 16 | 11 | 13 | 17 | 9 | 19 |
| 3 | | Bracket Fan | 0 | 2 | 0 | 214 | 10 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Cabin Fan | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 5 | | Other - | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| 1 | Air Conditioner | Windows A/C (1.5 Ton) | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 2 | | Windows A/C (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | Air Conditioner (SS) (1.5 Ton) | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 6 | 0 | 10 |
| | | Air Conditioner (SS) (2 Ton) | 0 | 0 | 0 | 13 | 1 | 2 | 2 | 0 | 0 | 0 |
| 4 | | Air Conditioner (MS) (3 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 |
| 5 | | Air Conditioner (D) (5.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | Air Conditioner (D) (8.5 Ton) | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | Air Conditioner (Cassette) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | Air Cooler | 0 | 1 | 0 | 7 | 0 | 0 | 13 | 0 | 0 | 5 |
| 9 | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Lighting | Tube Light 1 x 40 W | 6 | 2 | 1 | 728 | 144 | 78 | 173 | 105 | 8 | 156 |
| 2 | | Tube Light 2 x 40 W | 0 | 0 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | CFL DL 1 x 11 W | 1 | 0 | 0 | 14 | 8 | 0 | 35 | 17 | 9 | 7 |
| 4 | | CFL DL 2 x 11 W | 0 | 0 | 0 | 4 | 0 | 14 | 3 | 0 | 2 | 7 |
| 5 | | CFL DL 2 x 36 W | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| 6 | | CFL INT 11 W | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | CFL INT 5 W | 0 | 0 | 2 | 0 | 0 | 0 | 6 | 2 | 0 | 0 |
| 8 | | CFL SL 1x 36 W | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | | MV 125 W | 0 | 0 | 0 | 1 | 0 | 3 | 1 | 4 | 0 | 0 |
| 10 | | MH 70 W | 0 | 0 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 0 |
| 11 | | MH 150 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | | MH 250 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | | Other - | 0 | 1 | 3 | 111 | 54 | 34 | 13 | 14 | 43 | 0 |
| 1 | UPS (In-ph , out-ph) | UPS 3 kVA | 0 | 0 | 0 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| 2 | | UPS 5 kVA | 0 | 0 | 0 | 11 | 0 | 5 | 0 | 2 | 0 | 0 |
| 3 | | UPS 10 kVA (1 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | UPS 10 kVA (3 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 1 | Equipments | Computer | 0 | 1 | 0 | 145 | 18 | 24 | 35 | 16 | 0 | 16 |
| 2 | | Printer | 0 | 2 | 0 | 29 | 3 | 4 | 13 | 4 | 0 | 3 |
| 3 | | Xerox M/C | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 1 | 0 | 0 |
| 4 | | Scanner | 0 | 0 | 0 | 17 | 2 | 0 | 0 | 2 | 0 | 1 |
| 5 | | Other - | 0 | 1 | 0 | 35 | 45 | 10 | 35 | 23 | 0 | 27 |
| 1 | Other Units | Motor (1Ph) | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | | Motor (3Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| 3 | | Gyser | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Water Cooler | 1 | 0 | 0 | 5 | 2 | 3 | 3 | 1 | 1 | 2 |
| 5 | Other - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Load Detail | Lighting load (KW) | 0.251 | 0.116 | 0.238 | 36.945 | 7.298 | 5.863 | 8.178 | 5.134 | 1.133 | 6.471 |
| 2 | | Power load (KW) | 1.5 | 2.42 | 0.12 | 167.47918 | 75.532 | 48.276 | 43.3 | 54.52 | 4.02 | 32.105 |
| 3 | | A/C load (KW) | 0 | 0.14 | 0 | 138.014 | 4.232 | 4.47 | 39.464 | 16.264 | 0 | 14.9 |
| 4 | | Total load (KW) | 1.751 | 2.676 | 0.358 | 342.43818 | 87.062 | 58.609 | 90.942 | 75.918 | 5.153 | 53.476 |

| Table No. 3 | | | | | | | | | | | | |
|--|------------------------|---|--------------------|------------------|------------------|-------------------------------|---------------------|---------------|--|--|---|--------|
| Consolidated Building Wise Existing load | | | | | | | | | | | | |
| Sr.No | Appliances | Applied electronics and Computer Building | chemistry building | Physics Building | Geology Building | Physical Education Department | Chemical Technology | Biotechnology | Warden Qtr SC Boys Hostel (Competitive exam guidance centre) | Distance Education(W arden Qtr SC Girls Hostel Idea) | Human Resource Development centre (ASC) | |
| | Meter No.1 | 1k 079211 | 1k-093063 | 18860581 | 1k-090050 | 3PL-26134 | 1K 079506 | 11082109 | 8455 | 211016 | 11082107 | |
| | Meter No.2 | 1K 079502 | 0 | 3839156 | 0 | 0 | 1K 079513 | 1K079509 | 111153 | 9025287 | 0 | |
| | Meter No.3 | 0 | 0 | 0 | 0 | 0 | 0 | 1K079504 | 0 | 8829935 | 0 | |
| 1 | Fan | Ceiling Fan | 197 | 60 | 27 | 37 | 17 | 188 | 113 | 6 | 6 | 25 |
| 2 | | Exhaust Fan | 10 | 19 | 3 | 6 | 6 | 39 | 27 | 3 | 1 | 14 |
| 3 | | Bracket Fan | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| 4 | | Cabin Fan | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Air Conditioner | Windows A/C (1.5 Ton) | 0 | 2 | 6 | 5 | 0 | 0 | 6 | 0 | 2 | 0 |
| 2 | | Windows A/C (2 Ton) | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 0 |
| 3 | | Air Conditioner (SS) (1.5 Ton) | 8 | 2 | 0 | 5 | 4 | 4 | 6 | 0 | 0 | 11 |
| | | Air Conditioner (SS) (2 Ton) | 7 | 0 | 2 | 0 | 0 | 4 | 27 | 0 | 0 | 0 |
| 4 | | Air Conditioner (MS) (3 Ton) | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Air Conditioner (D) (5.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | Air Conditioner (D) (8.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | Air Conditioner (Cassette) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | Air Cooler | 0 | 0 | 0 | 0 | 1 | 7 | 0 | 0 | 0 | 3 |
| 9 | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Lighting | Tube Light 1 x 40 W | 216 | 62 | 37 | 55 | 30 | 238 | 207 | 14 | 10 | 35 |
| 2 | | Tube Light 2 x 40 W | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 |
| 3 | | CFL DL 1 x 11 W | 1 | 0 | 0 | 0 | 11 | 2 | 15 | 0 | 0 | 6 |
| 4 | | CFL DL 2 x 11 W | 0 | 7 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 |
| 5 | | CFL DL 2 x 36 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | CFL INT 11 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | CFL INT 5 W | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 8 | | CFL SL 1x 36 W | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 9 | | MV 125 W | 0 | 1 | 0 | 0 | 2 | 4 | 5 | 0 | 1 | 0 |
| 10 | | MH 70 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 11 | | MH 150 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | | MH 250 W | 3 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 2 | 0 |
| 13 | | Other - | 31 | 49 | 2 | 4 | 7 | 0 | 38 | 15 | 18 | 17 |
| 1 | UPS (In-ph , out-ph) | UPS 3 kVA | 3 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 2 | | UPS 5 kVA | 3 | 1 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 2 |
| 3 | | UPS 10 kVA (1 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | UPS 10 kVA (3 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | Other - | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 1 | Equipments | Computer | 92 | 26 | 24 | 39 | 23 | 54 | 62 | 2 | 4 | 27 |
| 2 | | Printer | 19 | 6 | 4 | 8 | 2 | 5 | 16 | 2 | 2 | 4 |
| 3 | | Xerox M/C | 2 | 1 | 1 | 2 | 0 | 0 | 3 | 2 | 2 | 1 |
| 4 | | Scanner | 4 | 0 | 1 | 0 | 1 | 0 | 2 | 1 | 0 | 2 |
| 5 | | Other - | 104 | 56 | 25 | 34 | 2 | 150 | 199 | 1 | 3 | 5 |
| 1 | Other Units | Motor (1Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | | Motor (3Ph) | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | Gyser | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| 4 | | Water Cooler | 3 | 1 | 0 | 1 | 1 | 5 | 2 | 1 | 1 | 1 |
| 5 | | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Load Detail | Lighting load (KW) | 9.676 | 4.591 | 1.552 | 2.284 | 9.882 | 12.346 | 11.04 | 1.205 | 1.565 | 1.922 |
| 2 | | Power load (KW) | 82.588 | 67.1665 | 28.343 | 56.176 | 17.24 | 207.337 | 249.712 | 9.75 | 21.82 | 23.23 |
| 3 | | A/C load (KW) | 43.166 | 6.484 | 13.934 | 20.88 | 6.264 | 26.008 | 90.048 | 0 | 5 | 17.226 |
| 4 | | Total load (KW) | 135.43 | 78.2415 | 43.829 | 79.34 | 33.386 | 245.691 | 350.8 | 10.955 | 28.385 | 42.378 |

| Table No. 3 | | | | | | | | | | | | |
|--|------------------------|-------------------------------------|---|---|------------------|--------------------|---------------------------------|--------------------------------|----------------|----------------|--------------------------------|-------|
| Consolidated Building Wise Existing load | | | | | | | | | | | | |
| Sr.No | Appliances | Barrack for godown (Law department) | One additional Barrak (Mathematics/ Statistics/Mi gration dept) | Barrack 3 nos. (Micro biology/PhD Cell) | Boys Hostel No-1 | Boys Hostel No. -2 | Class IV Qtr 1 SC Boys Hostel 2 | Guest Room of Boys Hostel No-2 | Girls Hostel 1 | Girls Hostel 2 | Class IV Qtr SC Girls Hostel 2 | |
| | Meter No.1 | 3PL-26580 | 1k 079505 | 3PL-26253 | 1443 | 4046 | 111134 | - | 3008396 | 4725 | 1H 2688250 | |
| | Meter No.2 | 0 | 0 | 0 | 0 | 0 | 2052 | 0 | 3PL-26577 | 211013 | - | |
| | Meter No.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Fan | Ceiling Fan | 24 | 96 | 61 | 25 | 95 | 2 | 2 | 83 | 96 | 4 |
| 2 | | Exhaust Fan | 7 | 10 | 16 | 5 | 33 | 2 | 0 | 22 | 32 | 2 |
| 3 | | Bracket Fan | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Cabin Fan | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Air Conditioner | Windows A/C (1.5 Ton) | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | | Windows A/C (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | Air Conditioner (SS) (1.5 Ton) | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | Air Conditioner (SS) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Air Conditioner (MS) (3 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Air Conditioner (D) (5.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | Air Conditioner (D) (8.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | Air Conditioner (Cassette) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | Air Cooler | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 |
| 9 | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Lighting | Tube Light 1 x 40 W | 48 | 119 | 90 | 28 | 111 | 2 | 2 | 70 | 140 | 4 |
| 2 | | Tube Light 2 x 40 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | CFL DL 1 x 11 W | 0 | 4 | 0 | 10 | 0 | 0 | 0 | 33 | 0 | 10 |
| 4 | | CFL DL 2 x 11 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | CFL DL 2 x 36 W | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | CFL INT 11 W | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 |
| 7 | | CFL INT 5 W | 6 | 1 | 0 | 24 | 87 | 4 | 1 | 85 | 90 | 14 |
| 8 | | CFL SL 1x 36 W | 2 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 9 | | MV 125 W | 0 | 1 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| 10 | | MH 70 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | | MH 150 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | | MH 250 W | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 3 | 0 |
| 13 | | Other - | 0 | 5 | 11 | 0 | 13 | 8 | 0 | 54 | 33 | 5 |
| 1 | UPS (In-ph , out-ph) | UPS 3 kVA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | UPS 5 kVA | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | UPS 10 kVA (1 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | | UPS 10 kVA (3 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Equipments | Computer | 10 | 62 | 23 | 0 | 2 | 0 | 0 | 3 | 2 | 0 |
| 2 | | Printer | 2 | 16 | 10 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 3 | | Xerox M/C | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Scanner | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Other - | 10 | 4 | 84 | 0 | 4 | 0 | 0 | 4 | 6 | 0 |
| 1 | Other Units | Motor (1Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | |
| 2 | | Motor (3Ph) | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | |
| 3 | | Gyser | 0 | 0 | 0 | 1 | 17 | 0 | 0 | 6 | 8 | 0 |
| 4 | | Water Cooler | 1 | 1 | 1 | 1 | 2 | 0 | 0 | 2 | 3 | 0 |
| 5 | | Other - | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Load Detail | Lighting load (KW) | 6.522 | 5.567 | 4.089 | 1.725 | 5.853 | 0.58 | 0.085 | 5.327 | 8.128 | 1.217 |
| 2 | | Power load (KW) | 10.31 | 35.52 | 80.0415 | 5.5 | 41.38 | 0.32 | 0.12 | 32.365 | 45.56 | 0.98 |
| 3 | | A/C load (KW) | 0 | 11.97 | 6.036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Total load (KW) | 16.832 | 53.057 | 90.1665 | 7.225 | 47.233 | 0.9 | 0.205 | 37.692 | 53.688 | 2.197 |

| Table No. 3 | | | | | | | | | | | | |
|--|------------------------|------------------------------------|-------------------------------|---------------------|-----------------------------|----------------|----------------------|------------------|---------------------------------|-------------------------------|----------------------|--------|
| Consolidated Building Wise Existing load | | | | | | | | | | | | |
| Sr.No | Appliances | Girls Hostel 3 | Class IV Qtr 1 Girls hostel 1 | Hon. V.C's Bungalow | Class IV Qtr VC Bungalow -1 | Valuers Hostel | Teachers Qtr Block 1 | HRDC Guest House | Class IV Qtr 1 at Orange garden | Chawkidar Qtr- Phy. Edu Bldg. | Street light DL road | |
| | Meter No.1 | - | 922 | 3PL- 26559 | 427274 | 1K 079503 | 1021542, 22881834 | - | 94995 | 26039 | 26030 | |
| | Meter No.2 | 0 | - | 0 | 33457 | 0 | 1021374, 1021714 | 0 | 0 | 0 | 0 | |
| | Meter No.3 | 0 | 0 | 0 | 0 | 0 | 1021000, 1021638 | 0 | 0 | 0 | 0 | |
| 1 | Fan | Ceiling Fan | 53 | 2 | 16 | 4 | 162 | 24 | 29 | 2 | 2 | 0 |
| 2 | | Exhaust Fan | 8 | 0 | 7 | 6 | 41 | 12 | 18 | 0 | 0 | 0 |
| 3 | | Bracket Fan | 0 | 0 | 0 | 1 | 0 | 6 | 0 | 0 | 0 | 0 |
| 4 | | Cabin Fan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Air Conditioner | Windows A/C (1.5 Ton) | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2 | | Windows A/C (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | Air Conditioner (SS) (1.5 Ton) | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | Air Conditioner (SS) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Air Conditioner (MS) (3 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | Air Conditioner (D) (5.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | Air Conditioner (D) (8.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | Air Conditioner (Cassette) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | Air Cooler | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Lighting | Tube Light 1 x 40 W | 83 | 4 | 25 | 4 | 218 | 24 | 0 | 2 | 3 | 0 |
| 2 | | Tube Light 2 x 40 W | 0 | 0 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 3 | | CFL DL 1 x 11 W | 0 | 0 | 13 | 0 | 32 | 6 | 33 | 0 | 0 | 0 |
| 4 | | CFL DL 2 x 11 W | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | CFL DL 2 x 36 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | CFL INT 11 W | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | CFL INT 5 W | 51 | 0 | 14 | 10 | 0 | 2 | 14 | 0 | 1 | 0 |
| 8 | | CFL SL 1x 36 W | 19 | 0 | 13 | 0 | 0 | 6 | 56 | 0 | 0 | 0 |
| 9 | | MV 125 W | 0 | 0 | 9 | 8 | 0 | 0 | 0 | 0 | 0 | 13 |
| 10 | | MH 70 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | | MH 150 W | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | | MH 250 W | 0 | 0 | 2 | 4 | 4 | 0 | 2 | 0 | 0 | 39 |
| 13 | | Other - | 5 | 1 | 15 | 0 | 84 | 32 | 0 | 0 | 0 | 8 |
| 1 | UPS (In-ph , out-ph) | UPS 3 kVA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | UPS 5 kVA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | UPS 10 kVA (1 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | | UPS 10 kVA (3 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Equipments | Computer | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | Printer | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | Xerox M/C | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | |
| 4 | | Scanner | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | |
| 5 | | Other - | 2 | 0 | 10 | 1 | 1 | 3 | 0 | 0 | 0 | |
| 1 | Other Units | Motor (1Ph) | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | Motor (3Ph) | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 3 | | Gyser | 5 | 0 | 3 | 4 | 10 | 5 | 2 | 0 | 0 | |
| 4 | | Water Cooler | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | |
| 5 | | Other - | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | |
| 1 | Load Detail | Lighting load (KW) | 5.038 | 0.175 | 4.274 | 2.426 | 11.449 | 1.732 | 2.949 | 0.125 | 0.125 | 13.155 |
| 2 | | Power load (KW) | 22.465 | 0.12 | 19.72 | 15.01 | 35.7 | 14.89 | 6.74 | 0.12 | 0.12 | 0 |
| 3 | | A/C load (KW) | 0 | 0 | 7.198 | 6.836 | 0 | 5 | 0 | 0 | 0 | 0 |
| 4 | | Total load (KW) | 27.503 | 0.295 | 31.192 | 24.272 | 47.149 | 21.622 | 9.689 | 0.245 | 0.245 | 13.155 |

| Table No. 3 | | | | | | | | | | | | |
|--|------------------------|------------------------------------|------------------------------|--|-------------------------------|------------------------|----------------------|--|------------------------------|------------------------------|----------------------------------|------|
| Consolidated Building Wise Existing load | | | | | | | | | | | | |
| Sr.No | Appliances | Street Light Electric Sub station | Street Light Shikshak Bhavan | Street Light near maths building Gate No-2 | Street Light Addl. Barracks-2 | Street Light Main Gate | Street Light Library | Street Light Sport Sector (Resarch lab -Phy Education) | street Light Valuer's Hostel | Street Light SC Girls Hostel | Street Light Chemical Technology | |
| | Meter No.1 | 26167 | 26062 | 3803 | 2688246 | 10063 | 10059 | 10056 | 12675 | - | - | |
| | Meter No.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Meter No.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Fan | Ceiling Fan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | Exhaust Fan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | Bracket Fan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | | Cabin Fan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 | | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Air Conditioner | Windows A/C (1.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | Windows A/C (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | Air Conditioner (SS) (1.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Air Conditioner (SS) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | | Air Conditioner (MS) (3 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 | | Air Conditioner (D) (5.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6 | | Air Conditioner (D) (8.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 7 | | Air Conditioner (Cassette) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8 | | Air Cooler | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9 | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 1 | Lighting | Tube Light 1 x 40 W | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | Tube Light 2 x 40 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | CFL DL 1 x 11 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | | CFL DL 2 x 11 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 | | CFL DL 2 x 36 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6 | | CFL INT 11 W | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 7 | | CFL INT 5 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8 | | CFL SL 1x 36 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9 | | MV 125 W | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 10 | |
| 10 | | MH 70 W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11 | | MH 150 W | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 12 | | MH 250 W | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 13 | | Other - | 48 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | |
| 1 | UPS (In-ph , out-ph) | UPS 3 kVA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | UPS 5 kVA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | UPS 10 kVA (1 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | | UPS 10 kVA (3 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 1 | Equipments | Computer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | Printer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | Xerox M/C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | | Scanner | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 | | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Other Units | Motor (1Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | | Motor (3Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | | Gyser | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | | Water Cooler | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 1 | Load Detail | Lighting load (KW) | 4.007 | 5.42 | 0.18 | 1.275 | 1.613 | 3.21 | 2.75 | 2.675 | 1.525 | 1.34 |
| 2 | | Power load (KW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | A/C load (KW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | Total load (KW) | 4.007 | 5.42 | 0.18 | 1.275 | 1.613 | 3.21 | 2.75 | 2.675 | 1.525 | 1.34 |

| Table No. 3 | | | | | | | | | |
|--|---------------------------|--|------------------------------|-----------------------------------|-----------|-----------|------------------|---------|------|
| Consolidated Building Wise Existing load | | | | | | | | | |
| Sr.No | Appliances | Street Light Athelatic track Tower | Boy's Hostel Street Light | Class IV Qtr VC Bungalow -1 | CIC Lab | FAB Lab | Library Building | Total | |
| | Meter No.1 | - | - | 427274 | 1K 093062 | 1K 109776 | 1K 079514 | | |
| | Meter No.2 | 0 | 0 | 33457 | 0 | 0 | 1387964 | | |
| | Meter No.3 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 1 | Fan | Ceiling Fan | 0 | 0 | 4 | 7 | 16 | 439 | 4052 |
| 2 | | Exhaust Fan | 0 | 0 | 6 | 0 | 3 | 38 | 796 |
| 3 | | Bracket Fan | 0 | 0 | 1 | 0 | 0 | 214 | 494 |
| 4 | | Cabin Fan | 0 | 0 | 0 | 0 | 0 | 1 | 23 |
| 5 | | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 1 | Air Conditioner | Windows A/C (1.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| 2 | | Windows A/C (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3 | | Air Conditioner (SS) (1.5 Ton) | 0 | 0 | 4 | 0 | 0 | 2 | 148 |
| | | Air Conditioner (SS) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 13 | 92 |
| 4 | | Air Conditioner (MS) (3 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 5 | | Air Conditioner (D) (5.5 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 6 | | Air Conditioner (D) (8.5 Ton) | 0 | 0 | 0 | 2 | 0 | 6 | 17 |
| 7 | | Air Conditioner (Cassette) (2 Ton) | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 8 | | Air Cooler | 0 | 0 | 2 | 0 | 0 | 7 | 187 |
| 9 | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 3 | |
| 1 | Lighting | Tube Light 1 x 40 W | 0 | 0 | 4 | 0 | 22 | 706 | 5749 |
| 2 | | Tube Light 2 x 40 W | 0 | 0 | 2 | 0 | 0 | 11 | 171 |
| 3 | | CFL DL 1 x 11 W | 0 | 0 | 0 | 10 | 0 | 4 | 316 |
| 4 | | CFL DL 2 x 11 W | 0 | 0 | 4 | 4 | 0 | 0 | 178 |
| 5 | | CFL DL 2 x 36 W | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6 | | CFL INT 11 W | 0 | 0 | 0 | 0 | 0 | 2 | 85 |
| 7 | | CFL INT 5 W | 0 | 0 | 10 | 0 | 0 | 0 | 473 |
| 8 | | CFL SL 1x 36 W | 0 | 0 | 0 | 0 | 1 | 0 | 134 |
| 9 | | MV 125 W | 0 | 8 | 8 | 0 | 0 | 1 | 135 |
| 10 | | MH 70 W | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | | MH 150 W | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 12 | | MH 250 W | 0 | 0 | 4 | 0 | 0 | 0 | 124 |
| 13 | | Other - | 9 | 0 | 0 | 30 | 0 | 81 | 1354 |
| | UPS (In-ph , out-ph) | UPS 3 kVA | 0 | 0 | 0 | 1 | 0 | 3 | 22 |
| 1 | | UPS 5 kVA | 0 | 0 | 0 | 2 | 3 | 6 | 58 |
| 2 | | UPS 10 kVA (1 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | UPS 10 kVA (3 Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4 | Other - | 0 | 0 | 0 | 0 | 0 | 0 | 9 | |
| 1 | Equipments | Computer | 0 | 0 | 1 | 14 | 3 | 128 | 1209 |
| 2 | | Printer | 0 | 0 | 1 | 2 | 1 | 26 | 347 |
| 3 | | Xerox M/C | 0 | 0 | 2 | 0 | 0 | 1 | 59 |
| 4 | | Scanner | 0 | 0 | 2 | 0 | 1 | 16 | 86 |
| 5 | | Other - | 0 | 0 | 1 | 18 | 5 | 12 | 1016 |
| 1 | Other Units | Motor (1Ph) | 0 | 0 | 0 | 1 | 0 | 0 | 6 |
| 2 | | Motor (3Ph) | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 3 | | Gyser | 0 | 0 | 4 | 0 | 0 | 0 | 90 |
| 4 | | Water Cooler | 0 | 0 | 0 | 0 | 1 | 4 | 86 |
| 5 | Other - | 0 | 0 | 1 | 0 | 0 | 0 | 16 | |
| 1 | Load Detail | Lighting load (KW) | 3.6 | 1 | 2.426 | 1.838 | 0.916 | 34.191 | 394 |
| 2 | | Power load (KW) | 0 | 0 | 15.01 | 20.10618 | 22.433 | 124.94 | 2372 |
| 3 | | A/C load (KW) | 0 | 0 | 6.836 | 27.2 | 0 | 110.814 | 853 |
| 4 | | Total load (KW) | 3.6 | 1 | 24.272 | 49.14418 | 23.349 | 270 | 3619 |

Table No.4

| Sr. No | Location/Building | Meter No. | Type of Meter | Voltage | Amp. | KW | KVA | KVAR | PF | %THD | | Remarks and Observations |
|--------|--|---------------|-----------------|---------|-------|-------|-------|-------|-------|-------|------|--------------------------|
| | | | | | | | | | | I | V | |
| 1 | Administration Building | 1K 091077 | Electronic | 382.33 | 20.79 | 12.56 | 13.52 | 4.917 | 0.91 | 34.19 | 4.03 | THD% I is above limit. |
| 2 | DR. K G Deshmukh Hall(Addmistrative Building) | 90056 | Electronic | 369.66 | 12.66 | 7.38 | 8.106 | 3.352 | 0.91 | 5 | 2 | THD% I is above limit. |
| 3 | Annexe Administration Building | 1K 090054 | Electronic | 380.14 | 14.31 | 8.937 | 9.139 | 1.617 | 0.937 | 56.16 | 3.8 | THD% I is above limit. |
| 4 | Annexe Administration Building | 3PL-26098 | Electronic | 369.62 | 6.414 | 3.631 | 4.039 | 1.001 | 0.953 | 0 | 3.94 | |
| 5 | Health centre | TPL385115 | Electronic | 400.33 | 1.133 | 0.723 | 0.786 | 0.308 | 0.92 | 1.2 | 2.39 | |
| 6 | Confidential building | 3PL-26234 | Electronic | 375.93 | 5.731 | 3.35 | 3.679 | 1.003 | 0.946 | 39.56 | 3.58 | THD% I is above limit. |
| 7 | Womens facilities center | 385697 | Electronic | 402 | 1.317 | 0.826 | 0.917 | 0.398 | 0.901 | 1.5 | 1.81 | |
| 8 | Physical Education & Recreation Board | N10060 | Electronic | 376.23 | 2.585 | 1.607 | 1.683 | 0.483 | 0.955 | 7 | 3.99 | THD% I is above limit. |
| 9 | Pavillion- Phy Edu. & Rech Build. | 12661 | Electronic | 398.67 | 1.033 | 0.656 | 0.714 | 0.28 | 0.92 | 3 | 0.01 | |
| 10 | Multi Purpose Hall Physical Education | 26505 | Electronic | 397 | 4.167 | 2.722 | 2.865 | 0.895 | 0.95 | 2.1 | 1.4 | |
| 11 | Physical education research lab | - | - | 399 | 6.533 | 4.109 | 4.515 | 1.872 | 0.91 | 0 | 2.5 | |
| 12 | Employee welfare Co-Op society | 61762 | Electromagnetic | 235 | 2.25 | 0.486 | 0.529 | 0.207 | 0.92 | 0.02 | 0.01 | |
| 13 | Garden Section | 1H 2688248 | Electronic | 232 | 5 | 1.073 | 1.16 | 0.441 | 0.925 | 0.012 | 0.01 | |
| 14 | Guest House | 1K 090057 | Electronic | 392.89 | 3.8 | 1.078 | 2.565 | 2.327 | 0.703 | 1.6 | 1.56 | |
| 15 | Guest House | 11082560 | Electronic | 390.24 | 3.433 | 2.185 | 2.307 | 0.742 | 0.951 | 0 | 2.51 | |
| 16 | Guest House | 105115 | Electromagnetic | 225.31 | 5 | 1.036 | 1.127 | 0.442 | 0.92 | 1 | 0.01 | |
| 17 | Khansama Qtr(IGNOU)- Near Guest House | 10528 | Electronic | 231 | 1 | 0.208 | 0.231 | 0.101 | 0.9 | 0.01 | 0.01 | |
| 18 | Class IV Qtr Guest House 1 | 2688249 | Electromagnetic | 233 | 1.2 | 0.255 | 0.28 | 0.115 | 0.912 | 0.01 | 0.01 | |
| 19 | Class IV Qtr Guest House 2 | 2688245 | Electromagnetic | 233 | 1.1 | 0.234 | 0.256 | 0.105 | 0.912 | 0.01 | 0.01 | |
| 20 | IQAC Building | 9807952 | Electronic | 390.58 | 6.377 | 4.304 | 4.312 | 0.262 | 0.9 | 7.8 | 3.16 | THD% I is above limit. |
| 21 | IQAC Building | 1C 468236 | Electronic | 399.93 | 2.591 | 1.659 | 1.795 | 0.685 | 0.825 | 33.12 | 3.37 | THD% I is above limit. |
| 22 | Dr. Shrikant Jichkar memorial Bhavan | 1k 093271 | Electronic | 379.87 | 2.519 | 1.548 | 1.655 | 0.385 | 0.681 | 39.51 | 3.01 | THD% I is above limit. |
| 23 | Dr. Shrikant Jichkar memorial Bhavan | 1398607 | Electronic | 396.07 | 3.369 | 1.78 | 2.316 | 1.306 | 0.814 | 55.16 | 4.18 | THD% I is above limit. |
| 24 | Barrack for office Life long learning/Adult education Building | 3PL-26544 | Electronic | 402.76 | 3.029 | 0.832 | 2.113 | 1.942 | 0.391 | 15.41 | 2.5 | THD% I is above limit. |
| 25 | Shikshak bhavan | 3PL-26151 | Electronic | 397.65 | 4.425 | 2.932 | 3.044 | 0.803 | 0.766 | 0 | 2.07 | |
| 26 | Store Building | 3PL-26300 | Electronic | 385.21 | 11.98 | 7.557 | 7.953 | 2.474 | 0.949 | 35 | 3.72 | THD% I is above limit. |
| 27 | Electric Sub-Station | 26291 | Electronic | 411.11 | 3.941 | 1.914 | 2.797 | 2.039 | 0.684 | 37.81 | 4.44 | THD% I is above limit. |
| 28 | Swimming Pool | 1K-079512 | Electronic | 388.82 | 30.49 | 17.6 | 20.52 | 10.43 | 0.853 | 1 | 2.93 | |

Table No.4

| Sr. No | Location/Building | Meter No. | Type of Meter | Voltage | Amp. | KW | KVA | KVAR | PF | %THD | | Remarks and Observations |
|--------|---|------------|-----------------|---------|-------|-------|-------|-------|-------|-------|------|--------------------------|
| | | | | | | | | | | I | V | |
| 29 | Valuation building | 1K079501 | Electronic | 386.31 | 43.13 | 25.5 | 28.02 | 11.19 | 0.87 | 25.64 | 3.26 | THD% I is above limit. |
| 30 | Karmachari Bhavan | N10829 | Electromagnetic | 389 | 8 | 4.743 | 5.39 | 2.56 | 0.88 | 0.005 | 0.02 | |
| 31 | Bank | 10078673 | Electromagnetic | 381.02 | 4.771 | 2.84 | 3.122 | 1.182 | 0.93 | 40 | 3.8 | THD% I is above limit. |
| 32 | Vidyarthi Bhavan (NSS) | 3 PL 26012 | Electronic | 389.5 | 7.402 | 4.563 | 4.869 | 1.651 | 0.983 | 14.2 | 2.25 | THD% I is above limit. |
| 33 | Vidyarthi Bhavan | 10078115 | Electronic | 390 | 5.02 | 3.333 | 3.391 | 0.623 | 0.983 | 12.1 | 2.45 | THD% I is above limit. |
| 34 | Vidyarthi Bhavan (Employment Bureau- NSS) | N12676 | Electronic | 390 | 2.382 | 1.582 | 1.609 | 0.295 | 0.983 | 15.8 | 3 | THD% I is above limit. |
| 35 | Toilet Block - Vidharthi Bhavan | - | - | 233 | 7.1 | 1.323 | 1.654 | 0.993 | 0.8 | 0 | 0 | |
| 36 | Main Gate | 10063 | Electronic | 381.67 | 0.337 | 0.205 | 0.222 | 0.086 | 0.922 | 0 | 1.03 | |
| 37 | Main gate Garden | - | - | 395 | 0.373 | 0.184 | 0.255 | 0.177 | 0.72 | 0 | 1.74 | |
| 38 | Canteen (old) | 2085679 | Electromagnetic | 401.33 | 1.467 | 0.919 | 1.019 | 0.442 | 0.901 | 1.5 | 1.2 | |
| 39 | Canteen (New) | 495046 | Electromagnetic | 401.33 | 2.95 | 1.848 | 2.051 | 0.89 | 0.901 | 5 | 1.31 | THD% I is above limit. |
| 40 | Visava- Sthal | 803849 | Electromagnetic | 220 | 1.4 | 0.276 | 0.308 | 0.137 | 0.895 | 0 | 1.98 | |
| 41 | Paneri | 12645 | Electronic | 391 | 3.673 | 2.246 | 2.485 | 1.062 | 0.904 | 0 | 1.81 | |
| 42 | Post office | - | - | 210 | 0.35 | 0.066 | 0.074 | 0.032 | 0.902 | 1.9 | 2.14 | |
| 43 | Security Office | - | - | 233 | 0.7 | 0.116 | 0.163 | 0.115 | 0.71 | 0 | 0 | |
| 44 | CIC Lab | 1K 093062 | Electronic | 380.54 | 8.505 | 5.235 | 5.601 | 1.993 | 0.934 | 10.85 | 3.6 | THD% I is above limit. |
| 45 | FAB Lab | 1K 109776 | Electronic | 390 | 2 | 1.202 | 1.351 | 0.616 | 0.89 | 0 | 0.01 | |
| 46 | Library Building | 1K 079514 | Electronic | 372.81 | 30.23 | 18.18 | 19.22 | 6.197 | 0.943 | 21.28 | 3.79 | THD% I is above limit. |
| 47 | Library Building | 1387964 | Electronic | 381.94 | 10.21 | 6.138 | 6.757 | 2.82 | 0.908 | 7.698 | 3.35 | THD% I is above limit. |
| 48 | Home science building | 3PL-26073 | Electronic | 381.94 | 10.21 | 6.138 | 6.757 | 2.82 | 0.908 | 7.698 | 3.35 | THD% I is above limit. |
| 49 | MBA building | 3PL 26031 | Electronic | 375.07 | 13.47 | 8.417 | 8.749 | 2.374 | 0.958 | 3.476 | 4.46 | |
| 50 | MBA building | 12916501 | Electronic | 375.21 | 4.715 | 0.464 | 3.093 | 3.012 | 0.18 | 12.67 | 3.85 | THD% I is above limit. |
| 51 | Education Building | 1K 079508 | Electronic | 388.94 | 33.4 | 21.77 | 22.45 | 5.482 | 0.968 | 10.34 | 3.73 | THD% I is above limit. |
| 52 | AV Theater | 1K 090433 | Electronic | 384.68 | 11.62 | 7.385 | 7.743 | 2.324 | 0.954 | 0 | 2.41 | |
| 53 | Zoology Building | 3PL-26321 | Electronic | 393.57 | 15.03 | 9.275 | 9.94 | 3.427 | 0.897 | 2.726 | 3.72 | |
| 54 | English Building | 16024885 | Electronic | 382.33 | 2.763 | 1.629 | 1.83 | 0.834 | 0.89 | 1.8 | 2.04 | |
| 55 | Botany building | 1k 079510 | Electronic | 394.87 | 6.015 | 3.544 | 3.998 | 1.852 | 0.871 | 4.994 | 3.57 | |
| 56 | Applied electronics - In Room | 1k 079511 | electronics | 400.65 | 45.1 | 30.25 | 31.11 | 7.164 | 0.97 | 9.502 | 1.87 | THD% I is above limit. |
| 57 | Applied electronics - In Room | 1K 079502 | electronics | 391.46 | 11.4 | 2.164 | 7.716 | 7.137 | 0.85 | 10.73 | 3.19 | THD% I is above limit. |

Table No.4

| Sr. No | Location/Building | Meter No. | Type of Meter | Voltage | Amp. | KW | KVA | KVAR | PF | %THD | | Remarks and Observations |
|--------|--|-----------------|-----------------|---------|-------|-------|-------|-------|-------|-------|------|--------------------------|
| | | | | | | | | | | I | V | |
| 58 | Chemistry Building -In room | 1k-093063 | Electronic | 395.86 | 4.251 | 2.727 | 2.883 | 0.773 | 0.957 | 45 | 2.22 | THD% I is above limit. |
| 59 | Physics Building | 18860581 | Electronic | 394.95 | 5.022 | 3.077 | 3.424 | 1.417 | 0.865 | 40.85 | 5.19 | THD% I is above limit. |
| 60 | Physics Building | 3839156 | Electronic | 396 | 12.5 | 7.596 | 8.573 | 3.975 | 0.886 | 9.8 | 0.02 | THD% I is above limit. |
| 61 | Geology Building | 1k-090050 | Electronic | 389 | 20 | 11.98 | 13.47 | 6.17 | 0.889 | 0.31 | 0.03 | |
| 62 | Physical Education Department | 3PL-26134 | Electronic | 377.76 | 4.06 | 1.263 | 2.632 | 2.31 | 0.988 | 1.123 | 4.73 | |
| 63 | Chemical Technology | 1K 079506 | Electronic | 363.04 | 4.042 | 2.226 | 2.496 | 0.974 | 0.831 | 2.119 | 2.64 | |
| 64 | Chemical Technology | 1K 079513 | Electronic | 387.27 | 18.26 | 11.96 | 12.22 | 2.512 | 0.977 | 9.255 | 5.18 | THD% I is above limit. |
| 65 | Biotechnology | 11082109 | Electronic | 390.58 | 6.377 | 4.304 | 4.312 | 0.262 | 0.9 | 0.778 | 3.16 | |
| 66 | Biotechnology | 1K079509 | Electronic | 397.93 | 7.705 | 3.55 | 5.307 | 3.944 | 0.656 | 38 | 5.74 | THD% I is above limit. |
| 67 | Biotechnology | 1K079504 | Electronic | 389.19 | 20.33 | 12.72 | 13.28 | 3.824 | 0.953 | 6.736 | 4.38 | THD% I is above limit. |
| 68 | Warden Qtr SC Boys Hostel (Competitive exam guidance centre) | 8455 | Electromagnetic | 401.37 | 8.085 | 3.169 | 5.617 | 4.625 | 0.523 | 15.4 | 4.58 | THD% I is above limit. |
| 69 | Warden Qtr SC Boys Hostel (Competitive exam guidance centre) | 111153 | Electromagnetic | 231.74 | 2.5 | 0.348 | 0.579 | 0.463 | 0.6 | 0 | 1 | |
| 70 | Distance Education(Warden Qtr SC Girls Hostel Idea) | 211016 | Electromagnetic | 230 | 2 | 0.322 | 0.46 | 0.329 | 0.7 | 0 | 0 | |
| 71 | Warden Qtr SC Girls Hostel Idea | 9025287 | Electromagnetic | 398.36 | 2 | 0.966 | 1.38 | 0.985 | 0.7 | 0 | 1 | |
| 72 | Warden Qtr SC Girls Hostel Idea | 8829935 | Electronic | 398.36 | 11 | 6.072 | 7.59 | 4.554 | 0.8 | 8 | 1.9 | THD% I is above limit. |
| 73 | Human Resource Development centre (ASC) | 11082107 | Electronic | 395 | 20 | 12.29 | 13.68 | 6.02 | 0.898 | 0.12 | 0.03 | |
| 74 | Barrack for godown (Law department) | 3PL-26580 | Electronic | 397.67 | 6.24 | 3.851 | 4.298 | 1.908 | 0.896 | 4.5 | 1.64 | |
| 75 | One additional Barrak (Mathematics/ Statistics/Migration dept) | 1k 079505 | Electronic | 402.9 | 5.497 | 2.84 | 3.836 | 2.578 | 0.733 | 8.402 | 3.63 | THD% I is above limit. |
| 76 | Barrack 3 nos. (Micro biology/PhD Cell) | 3PL-26253 | Electronic | 401 | 22 | 14.21 | 15.28 | 5.616 | 0.93 | 23 | 1.27 | THD% I is above limit. |
| 77 | Boys hostel No-1 | 1443 | Electromagnetic | 402.96 | 3.555 | 2.406 | 2.483 | 0.569 | 0.966 | 0 | 2.04 | |
| 78 | Boys Hostel No. -2 | 4046 | Electromagnetic | 407.19 | 2.63 | 1.509 | 1.854 | 0.593 | 0.809 | 0 | 2.06 | |
| 79 | Class IV Qtr 1 SC Boys Hostel 2 | 111134 | Electromagnetic | 228 | 0.34 | 0.102 | 0.134 | 0.087 | 0.76 | 1 | 0.16 | |
| 80 | Class IV Qtr 2 SC Boys Hostel 2 | 2052 | Electromagnetic | 226 | 0.36 | 0.107 | 0.141 | 0.091 | 0.76 | 1 | 1.45 | |
| 81 | Guest room of Boys Hostel No-2 | - | - | 230 | 0.35 | 0.113 | 0.139 | 0.082 | 0.809 | 0 | 1.3 | |
| 82 | Girls Hostel 1 | 3008396 | Electromagnetic | 407.92 | 11.41 | 8.027 | 8.063 | 0.762 | 0.996 | 27.15 | 2.22 | THD% I is above limit. |
| 83 | Girls Hostel 1 | 3PL-26577 | Electronic | 404.19 | 5.33 | 2.565 | 3.731 | 2.701 | 0.688 | 0 | 2 | |
| 84 | Girls Hostel 2 | 4725 | Electromagnetic | 401 | 5.467 | 1.852 | 3.792 | 3.275 | 0.486 | 0 | 2.14 | |
| 85 | Girls Hostel 2 | 211013 | Electromagnetic | 401 | 9 | 4.688 | 6.251 | 4.135 | 0.75 | 0 | 2.2 | |
| 86 | Class IV Qtr SC Girls Hostel 2 | In Quarter 2 | 1H 2688250 | 227 | 1.1 | 0.175 | 0.25 | 0.178 | 0.7 | 0 | 1.72 | |
| 87 | Class IV Qtr SC Girls Hostel 2 | - | - | 225 | 1 | 0.158 | 0.225 | 0.161 | 0.7 | 0 | 1.3 | |
| 88 | Girls Hostel 3 | - | - | 404.19 | 5.33 | 2.565 | 3.731 | 2.709 | 0.688 | 0 | 2.32 | |

Table No.4

| Sr. No | Location/Building | Meter No. | Type of Meter | Voltage | Amp. | KW | KVA | KVAR | PF | %THD | | Remarks and Observations |
|--------|---|------------|-----------------|---------|-------|-------|-------|-------|-------|-------|------|--------------------------|
| | | | | | | | | | | I | V | |
| 89 | Class IV Qtr 1 Girls hostel 1 | 922 | Electromagnetic | 230 | 0.9 | 0.124 | 0.207 | 0.166 | 0.6 | 0 | 1.43 | |
| 90 | Class IV Qtr 2 Girls hostel 1 | - | Electromagnetic | 230 | 0.9 | 0.124 | 0.207 | 0.166 | 0.6 | 0 | 2.11 | |
| 91 | Hon. V.C's Bungalow | 3PL- 26559 | Electronic | 386.27 | 10.35 | 6.352 | 6.515 | 1.43 | 0.962 | 3 | 4.24 | |
| 92 | Class IV Qtr VC Bungalow -1 | 427274 | Electromagnetic | 401.67 | 3.2 | 2.028 | 2.224 | 0.912 | 0.912 | 0 | 1.25 | |
| 93 | Class IV Qtr VC Bungalow -2 | 33457 | Electromagnetic | 401 | 3.1 | 1.936 | 2.151 | 0.937 | 0.9 | 0 | 2.75 | |
| 94 | Valuers hostel | 1K 079503 | 3 Ph | 408.71 | 12.13 | 7.599 | 8.625 | 3.922 | 0.882 | 1.15 | 3.88 | |
| 95 | Teachers Qtr Block 1 | 1021542 | Electromagnetic | 235 | 1.317 | 0.274 | 0.309 | 0.143 | 0.886 | 1.18 | 2.23 | |
| 96 | Teachers Qtr Block 2 | 22881834 | Electromagnetic | 235 | 1.31 | 0.253 | 0.308 | 0.175 | 0.823 | 1.26 | 2.25 | |
| 97 | Teachers Qtr Block 3 | 1021574 | Electromagnetic | 235 | 1.35 | 0.26 | 0.317 | 0.182 | 0.818 | 1.02 | 2.15 | |
| 98 | Teachers Qtr Block 4 | 1021714 | Electromagnetic | 235 | 1.24 | 0.242 | 0.291 | 0.163 | 0.829 | 1.36 | 2.19 | |
| 99 | Teachers Qtr Block 5 | 1021600 | Electromagnetic | 235 | 1.24 | 0.239 | 0.291 | 0.166 | 0.821 | 1.19 | 2.04 | |
| 100 | Teachers Qtr Block 6 | 1021688 | Electromagnetic | 235 | 1.43 | 0.283 | 0.336 | 0.181 | 0.842 | 1.1 | 2.13 | |
| 101 | Teachers qtr area Light | 1021841 | Electromagnetic | 235 | 1.32 | 0.248 | 0.31 | 0.186 | 0.801 | 1.29 | 2.11 | |
| 102 | Teachers qtr AC Meter | 90274 | Electronic | 235 | 1.26 | 0.247 | 0.296 | 0.163 | 0.835 | 1.14 | 2.23 | |
| 103 | HRDC Guest House | - | - | 393.67 | 2.73 | 1.489 | 1.861 | 1.117 | 0.8 | 0 | 2.26 | |
| 104 | Class IV Qtr 1 at Orange garden | 94995 | Electromagnetic | 225 | 0.32 | 0.062 | 0.125 | 0.108 | 0.86 | 0 | 1.81 | |
| 105 | Class IV Qtr Orange garden 2 | 924 | Electromagnetic | 225 | 0.31 | 0.056 | 0.121 | 0.107 | 0.8 | 0.008 | 0.02 | |
| 106 | Chawkidar Qtr- Phy. Edu Bldg. | 26039 | Electronic | 381.67 | 0.337 | 0.189 | 0.222 | 0.116 | 0.852 | 0.005 | 1.52 | |
| 107 | Street light DL road | 26030 | Electronic | 395 | 14.78 | 9.212 | 10.1 | 4.141 | 0.912 | 0.011 | 0.02 | |
| 108 | Street Light Electric Sub station | 26167 | Electronic | 396 | 4.578 | 2.807 | 3.14 | 1.407 | 0.915 | 1 | 0.02 | |
| 109 | Street Light Shikshak Bhavan | 26062 | Electronic | 230 | 2.85 | 1.001 | 1.14 | 0.546 | 0.882 | 0.005 | 2.4 | |
| 110 | Street Light near maths building Gate No-2 | 3803 | Electronic | 225 | 0.361 | 0.126 | 0.141 | 0.062 | 0.896 | 0.005 | 2.1 | |
| 111 | Street Light Addl. Barracks-2 | 2688246 | Electronic | 232 | 3.7 | 0.774 | 0.858 | 0.371 | 0.902 | 0.005 | 1.7 | |
| 112 | Street Light Main Gate | 10063 | Electronic | 401 | 1.7 | 0.624 | 0.682 | 0.275 | 0.915 | 0.005 | 2 | |
| 113 | Street Light Library | 10059 | Electronic | 390 | 3.66 | 2.247 | 2.47 | 1.026 | 0.913 | 0.005 | 1.8 | |
| 114 | Street Light Sport Sector (Resarch lab -Phy Education) | 10056 | Electronic | 398 | 3.4 | 2.114 | 2.34 | 1.003 | 0.902 | 0.005 | 2 | |
| 115 | street Light Valuer's Hostel | 12675 | Electronic | 399 | 2.1 | 1.284 | 1.45 | 0.674 | 0.885 | 0.005 | 2.1 | |
| 116 | Street Light SC Girls Hostel | - | - | 401 | 2.6 | 1.616 | 1.81 | 0.815 | 0.895 | 0.005 | 2 | |
| 117 | Street Light Chemical Technology | - | - | 392 | 1.528 | 0.938 | 1.04 | 0.449 | 0.905 | 0.005 | 2.2 | |
| 118 | Street Light Athelatic track Tower | - | - | 392 | 4.152 | 2.52 | 2.82 | 1.266 | 0.895 | 0.005 | 1.9 | |
| 119 | Boy's Hostel Street Light | - | - | 232 | 2.35 | 0.863 | 0.94 | 0.373 | 0.914 | 0.005 | 2 | |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-------------------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Administration Building | |
| Name of Depett - | | Administration Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 216 |
| 2 | Maximum Demand - | KVA (peak) | 38.01 |
| 3 | Power factor - | Nos. | 0.910 |
| 4 | Full load currunt - | AMP | 68 |
| 5 | Voltage at full load - | Volt | 370 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 091077 |
| | | | 90056 |
| 8 | Energy meter test result - | - | OK |
| | | | OK |
| 9 | Muliplying factor - | Nos. | 80 |
| | | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM CABLE ALU. 3.5C X 400 SQMM |
| | | - | ARM CABLE ALU. 3.5C X 95 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-------------------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Administration Building | |
| Name of Depett - | | Administration Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 203.09 |
| 2 | Maximum Demand - | KVA (peak) | 30.21 |
| 3 | Power factor - | Nos. | 0.91 |
| 4 | Full load currunt - | AMP | 47.2 |
| 5 | Voltage at full load - | Volt | 369.7 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 091077 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 80 |
| 10 | Incoming cable size - | - | ARM CABLE ALU. 3.5C X 400 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | DR. K G Deshmukh Hall(Addmistrative Building) | |
| Name of Depett - | | Administration Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 13 |
| 2 | Maximum Demand - | KVA (peak) | 7.8 |
| 3 | Power factor - | Nos. | 0.91 |
| 4 | Full load currunt - | AMP | 21.10 |
| 5 | Voltage at full load - | Volt | 369.66 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 90056 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM CABLE ALU. 3.5C X 95 SQMM |

Table No-2.2

Building wise load survey

| Name of Building - | | Administration Building | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-------|----|-----|
| Existing fitting details | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | | | | | | | | | | | | | | Total | | |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | R16 | R17 | R18 | R19 | R20 | R21 | R22 | R23 | | | | |
| Fan | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Ceiling Fan | 4 | 2 | 15 | 14 | | | | 4 | 6 | 14 | 8 | 20 | 8 | 11 | 23 | 14 | 8 | 4 | 24 | 5 | 1 | | | | | | 185 |
| 2 | Exhaust Fan | 2 | | 7 | 4 | 2 | | 1 | | 2 | 5 | | 3 | 2 | | 4 | | 2 | | 18 | 1 | 10 | | | | | 63 | |
| 3 | Bracket Fan | | | 2 | 1 | 1 | | | | | 4 | | | | | | | | | | 1 | | | | | | 9 | |
| 4 | Cabin Fan | | 1 | | | | | | 4 | 1 | | | | | | | | | | | | | | | | | 6 | |
| 5 | Other - | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| Air Conditioner | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | 3 | | | | | 3 | 3 | 3 | | | 4 | | | | | | | | | | | | 16 | |
| | Air Conditioner (SS) (2 Ton) | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | 1 | | | | | | | | 3 | | | | | | | | 4 | |
| 6 | Air Conditioner (D) (8.75 Ton) | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | Air Cooler | 2 | 1 | 6 | 5 | | | | | 1 | | | 3 | 3 | | 5 | 4 | 1 | | | | | | | | | 31 | |
| 9 | Other - | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| Lighting | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 4 | 2 | 23 | 18 | 4 | | 7 | 6 | 8 | 15 | | | 22 | 18 | 30 | 22 | 9 | 6 | 19 | 39 | 10 | | | | 262 | | |
| 2 | Tube Light 2 x 40 W | | | | | | | 16 | | 1 | 14 | | | 4 | 10 | | | | | | | | | | | | 45 | |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | 4 | | | | | | | | | | | | | | | | 4 | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | 27 | | | | | | | | | | | | | | | | 27 | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | CFL INT 11 W | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | CFL INT 5 W | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | MV 125 W | | | | | | | | | | | | | | | | | | | | 4 | | | | | | 4 | |
| 10 | MH 70 W | | | | | | | | | | | | | | | | | | | | 2 | | | | | | 2 | |
| 11 | MH 150 W | | | | | | | | | | | | | | | | | | | | 3 | | | | | | 3 | |
| 12 | MH 250 W | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | 4 | |
| 13 | Tube light 1 x 36 W | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | Bulb 1 x 60 W | | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | 2 | |
| 15 | Tube light 2 x 36 W | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | CFL 1 x 18 W | | | | | | | | | | | | | | | | | | | | 19 | | | | | | 19 | |
| 17 | Halogen 1 x 500 W | | | | | | | | | | | | | | | | | | | | 12 | | | | | | 12 | |
| UPS (in-ph , out-ph) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | UPS 3 kVA | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 1 | UPS 5 kVA | | | 1 | | | | | | | | | | 1 | 2 | | | | | | | | | | | | 4 | |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | Other - | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| Equipments | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Computer | 4 | | 17 | 8 | | | | | 4 | 4 | | 18 | 14 | 2 | 14 | 9 | 1 | | | | | | | | | 95 | |
| 2 | Printer | 3 | | 11 | 4 | | | | | 2 | 5 | | 10 | 9 | | 7 | 5 | 1 | | | | | | | | | 57 | |
| 3 | Xerox M/C | | | | 6 | | | | 2 | | 1 | | | | 1 | | | 1 | | | | | | | | | 11 | |
| 4 | Scanner | | | 2 | | | | | | | 1 | | | 1 | | | | 1 | | | | | | | | | 5 | |
| 5 | TV | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | 2 | |
| 6 | Electric catly | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | |
| 7 | Projecter | | | | | | | | | | 2 | | | | | | | | | 1 | | | | | | | 3 | |
| 8 | fridge | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | 2 | |
| 9 | franking machine | | | | 2 | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Other Units | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 2 | Motor (3Ph) | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | |
| 3 | Gyser | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | Water Cooler | | | | | | | | | 1 | | | | 1 | | | | | | | 6 | | | | | | 8 | |
| 5 | Hydraulic Lift | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | |
| 6 | lift (Regular) | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| 7 | Other - | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |

| Abbreviations | |
|---------------|---|
| | Name of Room / Lab |
| R1 | Room 10 |
| R2 | Telephone operator room |
| R3 | Room 1 |
| R4 | General administration department |
| R5 | Meter room |
| R6 | K.G. Deshmukh hall |
| R7 | Room 102 & kitchen |
| R8 | Room 103 |
| R9 | Room 104 |
| R10 | VC OFFICE room 101 |
| R11 | Room 107 |
| R12 | Collegiate section |
| R13 | Development section |
| R14 | Director room(B.C.U.D) & store room 1,2,3 |
| R15 | room no 206 & 207 |
| R16 | Engg. Section 1&2 |
| R17 | Online section |
| R18 | Room no 203 (DENS) |
| R19 | Dr.K.G.Deshmukh hall |
| R20 | Passage & outside |
| R21 | Wash room |
| R22 | front side of building 6 passenger lift |
| R23 | Back side of building 4 passenger |
| | |
| | |
| | |

| Table No. 2.1 | | | |
|---|----------------------------|------------|----------------------------------|
| Building Wise load survey | | | |
| Name of building - Annexe Administration Building | | | |
| Name of Depett - Annexe Administration Building | | | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 90 |
| 2 | Maximum Demand - | KVA (peak) | 54.04 |
| 3 | Power factor - | Nos. | 0.925 |
| 4 | Full load currunt - | AMP | 103 |
| 5 | Voltage at full load - | Volt | 352 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 090054 |
| | | | 3PL-26098 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40,1 |
| | | Nos. | 40,1 |
| 10 | Incoming cable size - | - | ARM CABLE ALU. 4C X 16 SQMM |
| | | - | ARM CABLE ALU. 3.5C X 95 SQMM |

| Table No. 2.1 | | | |
|---|----------------------------|------------|--------------------------------|
| Building Wise load survey | | | |
| Name of building - Annexe Administration Building (AC) | | | |
| Name of Depett - Annexe Administration Building | | | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 64.67 |
| 2 | Maximum Demand - | KVA (peak) | 41.54 |
| 3 | Power factor - | Nos. | 0.939 |
| 4 | Full load current - | AMP | 67.4 |
| 5 | Voltage at full load - | Volt | 352 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 090054 |
| 8 | Energy meter test result - | - | OK |
| 9 | Multiplying factor - | Nos. | 40,1 |
| 10 | Incoming cable size - | - | ARM CABLE ALU. 4C X 16 SQMM |

| Table No. 2.1 | | | |
|---|----------------------------|------------|----------------------------------|
| Building Wise load survey (Light) | | | |
| Name of building - Account and Finance Building (Light) | | | |
| Name of Depett - Annexe Administration Building | | | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 25.00 |
| 2 | Maximum Demand - | KVA (peak) | 12.50 |
| 3 | Power factor - | Nos. | 0.910 |
| 4 | Full load current - | AMP | 35.5 |
| 5 | Voltage at full load - | Volt | 352 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3PL-26098 |
| 8 | Energy meter test result - | - | OK |
| 9 | Multiplying factor - | Nos. | 40,1 |
| 10 | Incoming cable size - | - | ARM CABLE ALU. 3.5C X 95 SQMM |

Table No-2.2

Building wise load survey

Name of Building - Annexe Administration Building

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | |
|------------------------------|-----------------------------------|--------------------------|--------------|-----------------|-----------------|----------------|-----------|-------|
| | | Audit Section | F&AO Section | Computer center | Finance depart. | Pasage Outside | Wash room | Total |
| Fan | | | | | | | | |
| 1 | Ceiling Fan | 11 | 9 | 14 | 10 | 3 | | 47 |
| 2 | Exhaust Fan | | | | 3 | | 8 | 11 |
| 3 | Pedestal fan | | 1 | | 1 | | | 2 |
| Air Conditioner | | | | | | | | |
| | Air Conditioner (SS) (1Ton) | | | 3 | | | | |
| 1 | Air Conditioner (SS) (1.5 Ton) | | 9 | 5 | | | | 14 |
| 2 | Air Conditioner (Casstte) (2 Ton) | | | 4 | | | | 4 |
| 3 | Air Cooler | 4 | 1 | | 3 | | | 8 |
| Lighting | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 22 | 16 | 28 | 21 | 8 | 8 | 103 |
| 2 | CFL DL 1 x 11 W | | | | | 1 | | 1 |
| 3 | CFL DL 2 x 11 W | | | 18 | | | | 18 |
| 4 | CFL DL 1 x 36 W | | | | | | 2 | 2 |
| 5 | MH 125 W | | | | | 3 | | 3 |
| 6 | Bulb 1 x 60 W | | | | | 3 | | 3 |
| UPS (in-ph , out-ph) | | | | | | | | |
| 1 | UPS 5 kVA | | | 1 | | 2 | | 3 |
| Equipments | | | | | | | | |
| 1 | Computer | 13 | 13 | 8 | 1 | | | 35 |
| 2 | Printer | 7 | 8 | 4 | 1 | | | 20 |
| 3 | Xerox M/C | 1 | | 1 | | | | 2 |
| 4 | Scanner | | | 1 | | | | 1 |
| 5 | Fridge | | 1 | | | | | 1 |
| 6 | Projector | | | 2 | | | | 2 |
| Other Units | | | | | | | | |
| 1 | Water Cooler | | | | | 2 | | 2 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---|--------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Applied electronics and Computer Building | |
| Name of Depett - | | Applied electronics and Computer Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 137 |
| 2 | Maximum Demand - | KVA (peak) | 56.18 |
| 3 | Power factor - | Nos. | 0.910 |
| 4 | Full load currunt - | AMP | 82 |
| 5 | Voltage at full load - | Volt | 393 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1k 079211 |
| | | - | 1K 079502 |
| 8 | Energy meter test result - | - | OK |
| | | - | OK |
| 9 | Muliptying factor - | Nos. | 40 |
| | | - | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X SQMM |
| | | - | ARM. CABLE ALU. 3.5C X185 SQMM |

| Table No. 2.1 | | | |
|------------------------------------|----------------------------|---|-----------------------------|
| Building Wise load surey (AC Load) | | | |
| Name of building - | | Applied electronics and Computer Building | |
| Name of Depett - | | Applied electronics and Computer Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 43.17 |
| 2 | Maximum Demand - | KVA (peak) | 40.72 |
| 3 | Power factor - | Nos. | 0.970 |
| 4 | Full load currunt - | AMP | 59.13 |
| 5 | Voltage at full load - | Volt | 398 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1k 079211 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliptying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X SQMM |

| Table No. 2.1 | | | |
|--|----------------------------|---|-----------------------------------|
| Building Wise load surey (Lighting Load) | | | |
| Name of building - | | Applied electronics and Computer Building | |
| Name of Depett - | | Applied electronics and Computer Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 93.76 |
| 2 | Maximum Demand - | KVA (peak) | 15.46 |
| 3 | Power factor - | Nos. | 0.850 |
| 4 | Full load currunt - | AMP | 23.04 |
| 5 | Voltage at full load - | Volt | 387 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 079502 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X185 SQMM |

Table No-2.2

Building wise load survey

Name of Building - Applied electronics

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | | | | | | | | | | Total |
|--------|-----------------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | R16 | R17 | R18 | R19 | R20 | |
| | Fan | | | | | | | | | | | | | | | | | | | | | |
| 1 | Ceiling Fan | 30 | 1 | 11 | 13 | 12 | 11 | 13 | 1 | 3 | 6 | 3 | 11 | 11 | 12 | 5 | 14 | 30 | 3 | 7 | | |
| 2 | Exhaust Fan | | 1 | | | | | 2 | 2 | | 3 | | | | | | | | 1 | | | 1 |
| 3 | Bracket Fan | | | | | | | | | | | | | | | | | | | | | |
| 4 | Cabin Fan | | | | | | | | | | | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | Air Conditioner | | | | | | | | | | | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | | | | | | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | | | | | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | 7 | | | 1 | | | | | | | | | | | |
| 4 | Air Conditioner (SS) (2 Ton) | | | | 7 | | | | | | | | | | | | | | | | | |
| 5 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | | | 2 | | | | | | | | |
| 6 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | | | | | | | | | | | |
| 7 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | | | | | | | | | | | |
| 8 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | | | | | | | | | | | |
| 9 | Air Cooler | | | | | | | | | | | | | | | | | | | | | |
| 10 | Other - | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | Lighting | | | | | | | | | | | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 32 | | 8 | 10 | 8 | 8 | 10 | 4 | | 5 | 8 | 15 | 12 | 5 | 12 | 30 | 6 | 23 | 19 | 1 | 216 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | | | | | | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | | | | | 1 | | | | | | | | | | | | 1 |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | | | | | | | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | | | | | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | | | | | | | | | | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | | | | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | | | | | | | | | | | | | | | | 0 |
| 10 | MH 70 W | | | | | | | | | | | | | | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | | | | | | | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| 13 | LED 1 x 7W | | 2 | | | | | | 7 | 1 | 8 | | | | | | | | | 12 | | 30 |
| 14 | Bulb 1x60W | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | | | | | | | | | | | | | | |
| 1 | UPS 3 kVA | | | | | | | | 1 | | | 2 | | | | | | | | | | 3 |
| 2 | UPS 5 kVA | | | | 1 | | | | | | | 1 | | 1 | | | | | | | | 3 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | | | | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | | | | | | | | | | | 0 |
| 4 | UPS 500 VA | | | | | | | | | | | 1 | | | | | | | | | | 1 |
| | Other - | | | | | | | | | | | | | | | | | | | | | 0 |

Table No-2.2

Building wise load survey

Name of Building - Applied electronics

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | | | | | | | | | | Total |
|--------|-------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | R16 | R17 | R18 | R19 | R20 | |
| | Equipments | | | | | | | | | | | | | | | | | | | | | |
| 1 | Computer | | | 1 | 31 | 10 | | 1 | 2 | 1 | 1 | 1 | 16 | 3 | 14 | 2 | 1 | | | 8 | | 92 |
| 2 | Printer | | | 4 | 1 | | | | 1 | 1 | | 1 | 1 | 1 | 2 | 1 | | | | 6 | | 19 |
| 3 | Xerox M/C | | | 2 | | | | | | | | | | | | | | | | | | 2 |
| 4 | Scanner | | | | 1 | | | | | | | | | | | 1 | | | | 2 | | 4 |
| 5 | Projector | 3 | | | 1 | | | 1 | | | | | | | | 3 | 1 | | | | | 9 |
| 6 | CRO | | | 2 | | | 7 | | | | | | | | | | | | | | | 9 |
| 7 | Server | | | 1 | 1 | | | | | | 1 | | 1 | | 4 | | | | | | | 8 |
| 8 | Dual power supply | | | 2 | | | 3 | | | | | | | | | | | | | | | 5 |

Table No-2.2

Building wise load survey

Name of Building - Applied electronics

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | | | | | | | | | | Total | |
|--------|--|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | R16 | R17 | R18 | R19 | R20 | | R21 |
| 9 | SWR Meter | | | 2 | | | | | | | | | | | | | | | | | | | 2 |
| 10 | Oscilloscope | | | | | | 3 | | | | | | | | | | | | | | | | 3 |
| 11 | Function Genretor | | | | | | 1 | | | | | | | | | | | | | | | | 1 |
| 12 | TV | | | | | | | 1 | | | | | | | 2 | | | | | | | | 3 |
| 13 | Speker | | | | | | | 2 | | | | | | | | | | | | | | | 2 |
| 14 | Computer UPS | | | | | | | | 1 | | | | | | | | | | | 2 | | | 3 |
| 15 | Drilling Machine | | | | | | | | | | 3 | | | | | | | | | | | | 3 |
| 16 | Laptop | | | | | | | | | | | 1 | 24 | 16 | | | | | | 2 | | | 43 |
| 17 | DSP Trainer module | | | | 1 | | | | | | | | | | | | | | | | | | 1 |
| 18 | Microcontroller module | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| 19 | Microprocessor 8085 Based trainer module | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| 20 | Universal EPROM Programer | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| 21 | Interface Modules | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| 22 | Microwave Test bench MT-9001 | | | | 1 | | | | | | | | | | | | | | | | | | 1 |
| 23 | Advance Microwave Test bench MT-9004 | | | | 1 | | | | | | | | | | | | | | | | | | 1 |
| 24 | Communication engg Trainer Module | | | | 1 | | | | | | | | | | | | | | | | | | 1 |
| 25 | Optical Power Meter | | | | 1 | | | | | | | | | | | | | | | | | | 1 |
| 26 | Elementary FO 2-CH Trainer Module | | | | 1 | | | | | | | | | | | | | | | | | | 1 |
| 27 | Function Pulse Genretor | | | | | | 1 | | | | | | | | | | | | | | | | 1 |
| 28 | Experimental Trainer Module | | | | | | 1 | | | | | | | | | | | | | | | | 1 |
| 29 | Frequency counter Meter | | | | | | 1 | | | | | | | | | | | | | | | | 1 |
| | Other Units | | | | | | | | | | | | | | | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | | | | | | | | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | | | | | | | | | | | | | | | 0 |
| 3 | Gyser | | | | | | | | | | | | | | | | | | | | | | 0 |
| 4 | Water Cooler | | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| 5 | Other - | | | | | | | | | | | | | | | | | | | | | | 0 |

| Abbreviations | |
|---------------|------------------------------------|
| | Name of Room / Lab |
| R1 | Class room 1 ,2 ,3 (ground floor) |
| R2 | Girls commom room |
| R3 | Microwave and OFC Lab |
| R4 | Compuer lab |
| R5 | Microcontroller DSP Lab |
| R6 | Circuit lab |
| R7 | Seminar Hall- 1 |
| R8 | HOD Room Ground Floor |
| R9 | Office Ground Floor & Frist Floor |
| R10 | Workshop & Research Lab |
| R11 | HOD Room Frist Floor |
| R12 | Alumini Cell |
| R13 | Computer Lab 1 |
| R14 | Computer Lab 3 |
| R15 | Server Lab |
| R16 | Seminar Hall-2 |
| R17 | Class Room 1,2,3(Frist Floor) |
| R18 | Store Room & Meter Room |
| R19 | Professor Rooms |
| R20 | Passage & Outside |
| R21 | Wash Room |
| | |
| | |
| | |
| | |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Bank | |
| Name of Depett - | | Bank | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 26.17 |
| 2 | Maximum Demand - | KVA (peak) | 7.57 |
| 3 | Power factor - | Nos. | 0.93 |
| 4 | Full load currunt - | AMP | 12.08 |
| 5 | Voltage at full load - | Volt | 361.91 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 10078673 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 4C X 16 SQMM |

| Table No-2.2 | | | | | | | |
|---------------------------|-----------------------------------|--------------------------|----|----|----|----|-------|
| Building wise load survey | | | | | | | |
| Name of Building - Bank | | | | | | | |
| Existing fitting details | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | |
| | | R1 | R2 | R3 | R4 | R5 | Total |
| | Fan | | | | | | |
| 1 | Ceiling Fan | 8 | 1 | 1 | | | 10 |
| 2 | Exhaust Fan | 2 | | | 2 | | 4 |
| 3 | Bracket Fan | | | | | | 0 |
| 4 | Cabin Fan | 2 | | | | | 2 |
| 5 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Air Conditioner | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | 1 | | | | 1 |
| 2 | Windows A/C (1 Ton) | | | | | | 0 |
| 3 | Air Conditioner (SS) (1 Ton) | | 1 | 2 | | | 3 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | 0 |
| 8 | Air Cooler | 4 | | | | | 4 |
| 9 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Lighting | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 12 | 3 | 3 | 2 | 4 | 24 |
| 2 | Tube Light 2 x 40 W | 2 | 2 | | | | 4 |
| 3 | CFL DL 1 x 11 W | | | | | | 0 |
| 4 | CFL DL 1 x 18 W | 3 | 1 | | 2 | | 6 |
| 5 | CFL DL 1 x 36 W | | | | | | 0 |
| 6 | LED INT 5 W | | | 4 | | | 4 |
| 7 | CFL INT 60 W | | | 1 | | | 1 |
| 8 | CFL SL 1x 36 W | 1 | 2 | | | | 3 |
| 9 | MV 125 W | | | | | 1 | 1 |
| 10 | MH 70 W | | | | | | 0 |
| 11 | MH 150 W | | | | | | 0 |
| 12 | MH 250 W | | | | | | 0 |
| 13 | Other - Bulb 1 x 15 W | | | | | | 0 |
| | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | 0 |
| | UPS 1 kVA | | | 1 | | | 1 |
| 1 | UPS 5 kVA | 2 | | | | | 2 |

| Table No-2.2 | | | | | | | |
|---------------------------|-----------------------|--------------------------|----|----|----|----|-------|
| Building wise load survey | | | | | | | |
| Name of Building - Bank | | | | | | | |
| Existing fitting details | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | |
| | | R1 | R2 | R3 | R4 | R5 | Total |
| 2 | UPS 10 kVA (1 Ph) | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | 0 |
| 4 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Equipments | | | | | | 0 |
| 1 | Computer | 8 | 2 | | | | 10 |
| 2 | Printer | 1 | 1 | | | | 2 |
| 3 | Xerox M/C | | | | | | 0 |
| 4 | Scanner | 1 | | | | | 1 |
| 5 | Other - T.V | | | | | | 0 |
| 6 | Printing machine | 2 | | | | | 2 |
| 7 | cash counting machine | 3 | | | | | 3 |
| 8 | Fridge | | | | | | 0 |
| | Other Units | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | 0 |
| 3 | Gyser | | | | | | 0 |
| 4 | Water cooler/filter | 1 | | | | | 1 |
| 5 | Other - | | | | | | 0 |

| Abbreviations | |
|----------------------|-------------------------|
| R1 | Main Area |
| R2 | Computer Room + Kitchen |
| R3 | Strong Room + ATM |
| R4 | Wash room |
| R5 | Outside Light |
| | |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Barrack 3 nos. (Micro biology/PhD Cell) | |
| Name of Depett - | | Barrack 3 nos. (Micro biology/PhD Cell) | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 90.17 |
| 2 | Maximum Demand - | KVA (peak) | 31.6 |
| 3 | Power factor - | Nos. | 0.925 |
| 4 | Full load currunt - | AMP | 78.90 |
| 5 | Voltage at full load - | Volt | 400 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3PL-26253 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 70 SQMM |

| Table No-2.2 | | | | | | | | | | | | | | | | |
|---------------------------------|-----------------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-------|
| Building wise load survey | | | | | | | | | | | | | | | | |
| Name of Building - Microbiology | | | | | | | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | | | | Total |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | |
| Fan | | | | | | | | | | | | | | | | |
| 1 | Ceiling Fan | 2 | 3 | 8 | 10 | 6 | 2 | 2 | 12 | 4 | 6 | 6 | | | | 61 |
| 2 | Exhaust Fan | | 1 | 2 | 3 | 2 | | | | | | | 1 | | 7 | 16 |
| 3 | Bracket Fan | 1 | | | | | | | | | | | | | | 1 |
| 4 | Cabin Fan | | | | | | | | | | | 1 | | | | 1 |
| 5 | Other - | | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | | 0 |
| Air Conditioner | | | | | | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | 1 | | | | | | | | | 1 | | 2 | | | 4 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | | | | | 0 |
| 8 | Air Cooler | | | | | | | | | | | | | | | 0 |
| 9 | Other - | | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | | 0 |
| Lighting | | | | | | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 5 | 4 | 9 | 9 | 5 | 4 | 4 | 13 | 6 | 7 | 7 | 4 | 12 | 1 | 90 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | | | | | | 0 |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | | | | | | 0 |
| 5 | CFL PL 1 x 36 W | | | | | | | | | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | | | | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | | | | | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | | | 9 | | 9 |
| 9 | MV 125 W | | | | | | | | | | | | | | | 0 |
| 10 | MH 70 W | | | | | | | | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | | | | | | | | 0 |
| 13 | Other - | | | | | | | | | | | | | | | 0 |
| | ML 1 x 15 W | | | | | | | | | | | | | | 11 | 11 |
| | | | | | | | | | | | | | | | | 0 |
| UPS (in-ph , out-ph) | | | | | | | | | | | | | | | | |
| | UPS 3 kVA | | | | | | | | | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | | | | | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | | | | | 0 |
| 4 | Other - | | | | | | | | | | | | | | | 0 |

| Table No-2.2 | | | | | | | | | | | | | | | | |
|---------------------------------|--------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-------|
| Building wise load survey | | | | | | | | | | | | | | | | |
| Name of Building - Microbiology | | | | | | | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | | | | Total |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | |
| Equipments | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | 0 |
| 1 | Computer | 8 | 2 | | | 2 | | 1 | | 3 | 4 | 2 | 1 | | | 23 |
| 2 | Printer | 3 | 1 | | | 1 | | 2 | | 1 | 1 | | 1 | | | 10 |
| 3 | Xerox M/C | | | | | | | | | | | | | | | 0 |
| 4 | Scanner | | | | | 1 | | | | | | | | | | 1 |
| 5 | Computer Ups | 2 | | | | 1 | | 1 | | | 3 | 1 | | | | 8 |
| 6 | TV | | | | 1 | | | | | | | | | | | 1 |
| 7 | Projector | | | | 1 | | | | 1 | | | | 1 | | | 3 |
| 8 | Laptop | | | | | | | 2 | | | | | | | | 2 |
| 9 | fridge | 1 | 3 | 2 | 2 | 6 | | 2 | | 3 | | | 1 | | | 20 |

Table No-2.2

Building wise load survey

Name of Building - Microbiology

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | | | | Total |
|--------|---------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-------|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | |
| 10 | DNA Mapping Machine | | 1 | | | | | | | | | | | | | 1 |
| 11 | Microscope | | 2 | | | | | 1 | | | | | | | | 3 |
| 12 | UV Spectrometer | | 2 | | | | | | | | | | | | | 2 |
| 13 | Double Distiller | | 2 | | | | | | | | | | | | | 2 |
| 14 | Laminar Flow | | 1 | 1 | | | | 2 | | | | | | | | 4 |
| 15 | Cooling Incubator | | 1 | 1 | | | | | | | | | | | | 2 |
| 16 | Incubator | | 2 | 2 | 2 | | | 1 | | | | | | | | 7 |
| 17 | Hot Air Ovan | | 1 | 1 | | | | | | | | | | | | 2 |
| 18 | Autoclave | | 1 | 1 | 1 | | | 2 | | 2 | | | | | | 7 |
| 19 | Centrifuge | | 1 | | 1 | | | | | | | | | | | 2 |
| 20 | Baby farmantar | | 1 | | | | | | | | | | | | | 1 |
| 21 | Rotary shaker | | | 1 | | | | | | | | | | | | 1 |
| 22 | water bath | | | 1 | 1 | | | | | | | | | | | 2 |
| 23 | Cooling centrifuge | | | | 1 | | | | | | | | | | | 1 |
| 24 | Deep freezer | | 1 | | 1 | 1 | | | | | | | | | | 3 |
| 25 | Laboratoy ovan | | | | 1 | | | | | | | | | | | 1 |
| 26 | Bacteriological incubator | | | | 1 | | | | | | | | | | | 1 |
| 27 | Elizer Reader | | | | | | | | | 1 | | | | | | 1 |
| 28 | Spectrophotometer | | | | | | | | | 1 | | | | | | 1 |
| 29 | Computer Ups | | | | | | | | | | | | | | | 0 |
| 30 | water distillator | | | | | 2 | | 1 | | | | | | | | 3 |
| 31 | Xerox M/C | | | | | | | | | | | | 1 | | | 1 |
| 32 | Server | 1 | | | | | | | | | | 1 | | | | 2 |
| | Water Cooler | | | | | | | | | | | | | | | 0 |
| | Other Units | | | | | | | | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | | | | | | | | 0 |
| 3 | Gyser | | | | | | | | | | | | | | | 0 |
| 4 | Water Cooler | | | | | | | | | | | | | 1 | | 1 |
| 5 | Server | | | | | | | | | | | | | | | 0 |

| Abbreviations | |
|---------------|----------------------------|
| | Name of Room / Lab |
| R1 | Office room & HOD Room |
| R2 | Reaearch lab |
| R3 | MSc 2 Lab |
| R4 | Instrument |
| R5 | Store room & Lab |
| R6 | Chemistry stroe |
| R7 | Profesor room 1 |
| R8 | Class ROOM 1 &2 |
| R9 | Profesor room 2 |
| R10 | Office room & HOD Room |
| R11 | Sotre room 1 ,2 , 3 |
| R12 | Interview Room or RRC hall |
| R13 | Passage & outside |
| R14 | Wash room |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-------------------------------------|--------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Barrack for godown (Law department) | |
| Name of Depett - | | Barrack for godown (Law department) | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 16.83 |
| 2 | Maximum Demand - | KVA (peak) | 10.0992 |
| 3 | Power factor - | Nos. | 0.896 |
| 4 | Full load currunt - | AMP | 25.57 |
| 5 | Voltage at full load - | Volt | 395 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3PL-26580 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X SQMM |

| Table No-2.2 | | | | | | | | | |
|---------------------------------|-----------------------------------|--------------------------|----|----|----|----|----|----|-------|
| Building wise load survey | | | | | | | | | |
| Name of Building - Law building | | | | | | | | | |
| Existing fitting details | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | Total |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | |
| | Fan | | | | | | | | |
| 1 | Ceiling Fan | 2 | 6 | 8 | 6 | 2 | | | 24 |
| 2 | Exhaust Fan | 1 | | 2 | 2 | | | 2 | 7 |
| 3 | Bracket Fan | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | 0 |
| 5 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | 0 |
| 8 | Air Cooler | | | | | | | | 0 |
| 9 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Lighting | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 4 | 16 | 11 | 8 | 4 | 5 | | 48 |
| 2 | Tube Light 2 x 40 W | | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | | | | 0 |
| 4 | CFL DL 2 x 11 W | | | | | | | | 0 |
| 5 | CFL DL 1 x 36 W | | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | | 0 |
| 7 | CFL INT 5 W | 1 | | 2 | | | 1 | 2 | 6 |
| 8 | CFL SL 1x 36 W | | | | | | 2 | | 2 |
| 9 | MV 125 W | | | | | | | | 0 |
| 10 | MH 70 W | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | 0 |
| 13 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | | 0 |
| 1 | UPS 5 kVA | 1 | | | | | | | 1 |

Table No-2.2

Building wise load survey

Name of Building - Law building

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | Total |
|--------|--------------------|--------------------------|----|----|----|----|----|----|-------|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | 0 |
| 4 | Other - | | | | | | | | 0 |
| | Equipments | | | | | | | | 0 |
| 1 | Computer | 1 | | | | 9 | | | 10 |
| 2 | Printer | 1 | | | | 1 | | | 2 |
| 3 | Xerox M/C | | | | | | | | 0 |
| 4 | Scanner | 2 | | | | | | | 2 |
| 5 | Computer ups | 4 | | | | 3 | | | 7 |
| | Projector | | | | | 2 | | | 2 |
| | Server | | | | | 1 | | | 1 |
| | Other Units | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | 0 |
| 3 | Gyser | | | | | | | | 0 |
| 4 | Water Cooler | | | | | | 1 | | 1 |
| 5 | Other - | | | | | | | | 0 |

| Abbreviations | |
|----------------------|--------------------------------------|
| | Name of Room / Lab |
| R1 | HOD Office |
| R2 | Class room 1 & 2 |
| R3 | Seminar hall & Store room |
| R4 | P.G diploma in human right education |
| R5 | Computer lab |
| R6 | Passage & Outside |
| R7 | Wash room |
| | |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Barrack for office Life long learning/Adult education Building | |
| Name of Depett - | | Barrack for office Life long learning/Adult education Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 24.06 |
| 2 | Maximum Demand - | KVA (peak) | 2.73 |
| 3 | Power factor - | Nos. | 0.39108642 |
| 4 | Full load currunt - | AMP | 3.914 |
| 5 | Voltage at full load - | Volt | 402.14 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3PL-26544 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 35 SQMM |

| Table No-2.2 | | | | | | | | | |
|---|-----------------------------------|--------------------------|-------------------|-----------------------|------------------|--------------|-------------------|----------|-------|
| Building wise load survey | | | | | | | | | |
| Name of Building -Life lerning Building | | | | | | | | | |
| Existing fitting details | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | Total |
| | | Class Room MA-1 | Co-Ordinator Room | Joshi Sir HOD English | Direct or Office | Meeting Hall | Passage & outside | Workshop | |
| | Fan | | | | | | | | |
| 1 | Ceiling Fan | 8 | 1 | 2 | 2 | 2 | | 7 | 22 |
| 2 | Exhaust Fan | | 1 | | | 1 | | | 2 |
| 3 | Bracket Fan | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | 0 |
| 5 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | 1 | 1 | 2 | | | 4 |
| 2 | Windows A/C (2 Ton) | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | 0 |
| 8 | Air Cooler | | | | | | | | 0 |
| 9 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Lighting | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 7 | 4 | 3 | 3 | 4 | 2 | 28 | 51 |
| 2 | Tube Light 2 x 40 W | | | | | | | | 0 |
| 3 | CFL DL 1 x 18 W | | 1 | | | | | | 1 |
| 4 | CFL DL 2 x 11 W | | | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | 1 | | 1 |
| 10 | MH 70 W | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | 0 |
| 13 | Tube Light 1 x 20 W | | | | | 1 | | | 1 |
| | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | 0 |
| 4 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Equipments | | | | | | | | 0 |
| 1 | Computer | 10 | 14 | 2 | 2 | | | | 28 |
| 2 | Printer | 2 | 3 | 1 | 1 | | | | 7 |
| 3 | Xerox M/C | | 1 | | | | | | 1 |
| 4 | Scanner | | 1 | | | | | | 1 |

Table No-2.2**Building wise load survey****Name of Building -Life lerning Building****Existing fitting details**

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | Total |
|--------|--------------------|--------------------------|-------------------|-----------------------|-----------------|--------------|-------------------|----------|-------|
| | | Class Room MA-1 | Co-Ordinator Room | Joshi Sir HOD English | Director Office | Meeting Hall | Passage & outside | Workshop | |
| 5 | Computer UPS | | 1 | | | | | | 1 |
| | TV | | | | | 1 | | | 1 |
| | Server | | | 1 | | | | | 1 |
| | Other Units | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | 6 | 6 |
| 2 | Motor (3Ph) | | | | | | | 4 | 4 |
| 3 | Gyser | | | | | | | | 0 |
| 4 | Water Cooler | | | | | | 1 | | 1 |
| 5 | Other - | | | | | | | | 0 |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|---------------|-----------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Biotechnology | |
| Name of Depett - | | Biotechnology | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 351 |
| 2 | Maximum Demand - | KVA (peak) | 29.61 |
| 3 | Power factor - | Nos. | 0.748 |
| 4 | Full load currunt - | AMP | 54 |
| 5 | Voltage at full load - | Volt | 386 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 11082109 |
| | | | 1K079509 |
| | | | 1K079504 |
| 8 | Energy meter test result - | - | OK |
| | | | Light |
| | | | OK |
| 9 | Muliptying factor - | Nos. | 40 |
| | | | 40 |
| | | | 40 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 3.5C X 95 SQMM |
| | | | ARM.CABLE ALU. 3.5C X 120 SQMM |
| | | - | ARM.CABLE ALU. 3.5C X 120 SQMM |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|---------------|----------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Biotechnology | |
| Name of Depett - | | Biotechnology | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 182.53 |
| 2 | Maximum Demand - | KVA (peak) | 19.99 |
| 3 | Power factor - | Nos. | 0.953 |
| 4 | Full load currunt - | AMP | 30.57 |
| 5 | Voltage at full load - | Volt | 377 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 11082109 |
| 8 | Energy meter test result - | - | OK |
| 9 | Multiptying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 3.5C X 95 SQMM |

| Table No. 2.1 | | | |
|---|----------------------------|---------------|-----------------------------------|
| Building Wise load survey (Biotech Light 1) | | | |
| Name of building - | | Biotechnology | |
| Name of Depett - | | Biotechnology | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 78.23 |
| 2 | Maximum Demand - | KVA (peak) | 4.31 |
| 3 | Power factor - | Nos. | 0.635 |
| 4 | Full load currunt - | AMP | 7.25 |
| 5 | Voltage at full load - | Volt | 390 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K079509 |
| 8 | Energy meter test result - | - | Light |
| 9 | Multipling factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 3.5C X 120 SQMM |

| Table No. 2.1 | | | |
|---|----------------------------|---------------|-----------------------------------|
| Building Wise load survey (Biotech Light 1) | | | |
| Name of building - | | Biotechnology | |
| Name of Depett - | | Biotechnology | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 90.05 |
| 2 | Maximum Demand - | KVA (peak) | 5.31 |
| 3 | Power factor - | Nos. | 0.656 |
| 4 | Full load currunt - | AMP | 16.00 |
| 5 | Voltage at full load - | Volt | 390 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K079504 |
| 8 | Energy meter test result - | - | OK |
| 9 | Multipling factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 3.5C X 120 SQMM |

Table No-2.2

Building wise load survey

Name of Building - Biotech building

Existing fitting details

| Sr. No | Appliances | | | | | | | | | | | |
|------------------------------|-----------------------------------|--------------|----------|-------------------------------|--------------------------|----------------|----------------|-------------|------------|---------------------|-------------------------|-----------|
| | | Meeting room | HOD room | Bio Informatic Infrastructure | Professor room 1,2,3,4,5 | Bioprocess LAB | Fermantion lab | Office Room | Store room | Nano Technology LAB | Instrumentation Lab 1,2 | Cold room |
| Fan | | | | | | | | | | | | |
| 1 | Ceiling Fan | 2 | 3 | 3 | 8 | 6 | 2 | 2 | 4 | 2 | 6 | 1 |
| 2 | Exhaust Fan | | 1 | | | 2 | | | 1 | | | |
| 3 | Bracket Fan | | | | | | | | | | | |
| 4 | Cabin Fan | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |
| Air Conditioner | | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | 2 | | | | | 4 | | | |
| 2 | Windows A/C (2 Ton) | | | | 2 | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | 1 | 2 | | | | | | | | | |
| 4 | Air Conditioner (SS) (2 Ton) | | | | | | 4 | | | 4 | 1 | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | |
| 8 | Air Cooler | | | | | | | | | | | |
| 9 | Other - | | | | | | | | | | | |
| Lighting | | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 2 | 2 | 6 | 9 | 8 | 2 | 3 | 4 | 2 | 12 | 2 |
| 2 | Tube Light 1 x 20 W | | 1 | | | | | | | | | |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | | | | | |
| 7 | CFL INT 5 W | | | | | | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | | | |
| 10 | MH 70 W | | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | | |
| 13 | Tube Light 1 x 36 W | | 2 | | | | | | | | | |
| 14 | Bulb 1 x 60 W | | | | | | | | | | | 1 |
| 15 | Moon Light 1 x 15 W | | | | | | | | | | | |
| 16 | UV Light | | | | | | | | | | | |
| UPS (in-ph , out-ph) | | | | | | | | | | | | |
| 1 | UPS 3 kVA | | | | | | | | | | | |
| 2 | UPS 5 kVA | | | 1 | | | | | | | | |
| 3 | UPS 10 kVA (1 Ph) | | | | | | | | | | | |
| 4 | UPS 10 kVA (3 Ph) | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |
| Equipments | | | | | | | | | | | | |
| 1 | Computer | | 2 | 17 | 10 | 1 | | 1 | 1 | 1 | 18 | |
| 2 | Printer | | 2 | 2 | 6 | | | | 2 | | 2 | |
| 3 | Xerox M/C | | | 1 | | | | 1 | | | | |
| 4 | Scanner | | | | 1 | 1 | | | | | | |
| 5 | Server | 1 | | 3 | | | | | | | | |
| 6 | Computer Ups | | 1 | | | | | | | | | |
| 7 | Fridge | | 1 | | 2 | 1 | | | 2 | | | |
| 8 | Laptop | | 1 | 1 | | | | | | 1 | | |
| 9 | TV | | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Biotech building

Existing fitting details

| Sr. No | Appliances | | | | | | | | | | | |
|--------|-------------------------------|--------------|----------|-------------------------------|--------------------------|----------------|------------------|-------------|------------|---------------------|-------------------------|-----------|
| | | Meeting room | HOD room | Bio Informatic Infrastructure | Professor room 1,2,3,4,5 | Bioprocess LAB | Fermentation lab | Office Room | Store room | Nano Technology LAB | Instrumentation Lab 1,2 | Cold room |
| 10 | Tali image cytometer | | | | 2 | | | | | | | |
| 11 | Projector | | | | | | | | | | | |
| 12 | Tali image cytometer | | | | | | | | | | | |
| 13 | CO2 Incubator | | | | | | | | | | | |
| 14 | UV Spectrophotometre | | | | | | | | | | | |
| 15 | Incubator | | | | | | | | | | | |
| 16 | CO2 Incubator | | | | 1 | | | | | | | |
| 17 | UV Spectrophotometre | | | | 1 | | 1 | | | | 1 | 1 |
| 18 | Microscope | | | 1 | 1 | 1 | | | | | | |
| 19 | Incubator | | | | | 1 | | | | | | |
| 20 | Desktop centrifuge | | | | | 1 | | | | | | |
| 21 | Ph metre | | | | | 1 | | | | | | |
| 22 | Magnetic stirrer | | | | | 1 | | | | 1 | | |
| 23 | Mini centrifuge | | | | | 1 | | | | | | |
| 24 | Heating Mental | | | | | 1 | | | | | | |
| 25 | Water Distillation | | | | 1 | 1 | | | | | | |
| 26 | BOD Incubator | | | | | 1 | | | | | | |
| 27 | Orbital Shaking Incubator | | | | | 1 | | | | | | |
| 28 | Laminar flow | | | | | 1 | | | | | 1 | |
| 29 | UV Cabiante | | | | 1 | | | | | | | |
| 30 | Horizontal Autoclave | | | | | | 1 | | | | | |
| 31 | Vertical Autoclave | | | | | | 1 | | | | | |
| 32 | Cooling Centrifuge | | | | | | 1 | | | | 1 | |
| 33 | Rotary Evaporator | | | | | | 1 | | | | | |
| 34 | Vaccume pump | | | | | | 1 | | | 1 | | |
| 35 | Fermenter | | | | | | 1 | | | | | |
| 36 | Plate reader | | | | | | | | | | 3 | |
| 37 | Gradient PCR | | | | | | | | | | 1 | |
| 38 | Deep freezer | | | | | | | 1 | | | | |
| 39 | Automatic ICE Flaker | | | | | | | 1 | | | | |
| 40 | Spinix Vrtex | | | | | | | | | 1 | | |
| 41 | Calorimeter | | | | | | | | | 1 | | |
| 42 | Orbital shaker | | | | | | | | | 1 | | |
| 43 | Cooling Incubator | | | | | | | | | | 1 | |
| 44 | HPLC | | | | 1 | | | | | | 1 | |
| 45 | Ultra sonic Homogenizer | | | | | | | | | | 1 | |
| 46 | Centrifuge | | | | | | | | | | 3 | |
| 47 | Multi image Light Cabinete | | | | | | | | | | 1 | |
| 48 | Microwave | | | | | | | | | | 1 | |
| 49 | Gel documemtation | | | | | | | | | | 1 | |
| 50 | water despenser Refridgerator | | | | 1 | | | | | | | |
| 51 | water purifier sysem | | | | | | | | | | 1 | |
| 52 | PCR | | | | | | | | | | | |
| 53 | Dry bath | | | | | | | | | | | |
| 54 | PCR Centrifuge | | | | | | | | | | | |
| 55 | UV transe eliminator | | | | | | | | | | | |
| 56 | electrophorensis power suppy | | | | | | | | | | | |
| 57 | Vortex | | | | | | | | | | | |
| 58 | Hot Air Ovan | | | | | | | | | | | |
| 59 | Bactrological incubator | | | | | | | | | | | |
| 60 | Lipho-lyzer | | | | | | | | | | | |
| 61 | Power Fact | | | | | | | | | | | |
| 62 | Bath sonigator | | | | | | | | | | | |
| 63 | Power supply Equipment | | | | | | | | | | | |
| 64 | Laboratory Ovan | | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Biotech building

Existing fitting details

| Sr. No | Appliances | | | | | | | | | | | |
|--------|--------------------------------|--------------|----------|-------------------------------|--------------------------|----------------|----------------|-------------|------------|---------------------|-------------------------|-----------|
| | | Meeting room | HOD room | Bio Informatic Infrastructure | Professor room 1,2,3,4,5 | Bioprocess LAB | Fermantion lab | Office Room | Store room | Nano Technology LAB | Instrumentation Lab 1,2 | Cold room |
| 65 | Remi R-4c DX centrifuge | | | | | | | | | | | |
| 66 | water bath | | | | | | | | | | | |
| 67 | Drill Machine | | | | | | | | | | | |
| 68 | Multispine | | | | | | | | | | | |
| 69 | Autoclave | | | | | | | | | | | |
| 70 | Distillation plant | | | | | | | | | | | |
| 71 | Growth chamber | | | | | | | | | | | |
| 72 | Cyclo Mixer | | | | | | | | | | | |
| 73 | Grinder | | | | | | | | | | | |
| 74 | GEL rocker | | | | | | | | | | | |
| 75 | Digital Balance | | | | | | | | | | | |
| 76 | Electroporator | | | | | | | | | | | |
| 77 | Zetro Size Analyzer | | | | | | | | | | | |
| 78 | Nanopartical Traeking Analyzer | | | | | | | | | | | |
| 79 | Nanodrop | | | | | | | | | | | |
| 80 | Biosefty Cabinete | | | | | | | | | | | |
| 81 | Aeroponic Chamber | | | | | | | | | | | |
| 82 | Hot Chember | | | | | | | | | | | |
| 83 | Oven | | | | | | | | | | | |
| 84 | Tea Macker | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | Other Units | | | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | | |
| 4 | Water Cooler | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Biotech building

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | |
|------------------------------|-----------------------------------|--------------------------|-----------------------------|-----------------|--------------|---------------|---------------|---------|------------|------------------------------|-----------------------|
| | | Tissue Culture Lab | Professor Room & inside Lab | Biosafety Level | Seminar hall | Computer Room | Reasearch Lab | Library | Msc LAB1,2 | Chemical/sterrilization room | Instrumentation Lab 3 |
| Fan | | | | | | | | | | | |
| 1 | Ceiling Fan | 4 | 7 | 2 | 10 | 1 | 5 | 3 | 10 | 3 | 1 |
| 2 | Exhaust Fan | | | | | | 1 | 1 | 4 | 1 | |
| 3 | Bracket Fan | | | | | | | | | | |
| 4 | Cabin Fan | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | |
| Air Conditioner | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | 1 | 1 | | | | | | 1 |
| 4 | Air Conditioner (SS) (2 Ton) | 1 | 1 | | 6 | | | 3 | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | |
| 8 | Air Cooler | | | | | | | | | | |
| 9 | Other - | | | | | | | | | | |
| Lighting | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 57 | 10 | 2 | 11 | 1 | 6 | 1 | 8 | 6 | 2 |
| 2 | Tube Light 1 x 20 W | | | | | 2 | | 4 | | | |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | | | | |
| 7 | CFL INT 5 W | | | | | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | | |
| 10 | MH 70 W | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | |
| 13 | Tube Light 1 x 36 W | | | | | | | | | | |
| 14 | Bulb 1 x 60 W | | | | | | | | | | |
| 15 | Moon Light 1 x 15 W | 16 | | | | | | | | | |
| 16 | UV Light | | | | | | | | | | |
| UPS (in-ph , out-ph) | | | | | | | | | | | |
| 1 | UPS 3 kVA | 1 | | | | | | | | | |
| 2 | UPS 5 kVA | | | | | | | | | | |
| 3 | UPS 10 kVA (1 Ph) | | | | | | | | | | |
| 4 | UPS 10 kVA (3 Ph) | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | |
| Equipments | | | | | | | | | | | |
| 1 | Computer | | 1 | | 1 | | | 1 | | | |
| 2 | Printer | | 1 | | | | | | | | |
| 3 | Xerox M/C | | 1 | | | | | | | | |
| 4 | Scanner | | | | | | | | | | |
| 5 | Server | | | | | | | | | | |
| 6 | Computer Ups | | | | | | | | | | |
| 7 | Fridge | | 3 | | | 1 | 1 | | 2 | | 1 |
| 8 | Laptop | | 1 | | | 1 | | | | | |
| 9 | TV | | | | | | | 1 | | | |

Table No-2.2

Building wise load survey

Name of Building - Biotech building

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | |
|--------|-------------------------------|--------------------------|-----------------------------|-----------------|--------------|---------------|--------------|---------|------------|-----------------------------|-----------------------|
| | | Tissue Culture Lab | Professor Room & inside Lab | Biosafety Level | Seminar hall | Computer Room | Research Lab | Library | Msc LAB1,2 | Chemical/sterilization room | Instrumentation Lab 3 |
| 10 | Tali image cytometer | | | | | | | | | | |
| 11 | Projector | | | | 1 | | | | | | |
| 12 | Tali image cytometer | | | | | | | | | | |
| 13 | CO2 Incubator | | | | | | | | | | |
| 14 | UV Spectrophotometre | | | | | | | | | | 1 |
| 15 | Incubator | | 1 | | | | | | | | |
| 16 | CO2 Incubator | | | | | | | | | | |
| 17 | UV Spectrophotometre | | | | | | | | | | |
| 18 | Microscope | | | | | | | | | | |
| 19 | Incubator | | | | | | | | | | |
| 20 | Desktop centrifuge | | | | | | | | | | |
| 21 | Ph metre | | | | | | | | 1 | | |
| 22 | Magnetic stirrer | | 1 | | | | | | | | |
| 23 | Mini centrifuge | | 1 | | | | | | | | |
| 24 | Heating Mental | | | | | | 1 | | | | |
| 25 | Water Distillation | | | | | | | | | | |
| 26 | BOD Incubator | | | | | | | | | | |
| 27 | Orbital Shaking Incubator | | | | | | | | 1 | | 1 |
| 28 | Laminar flow | 2 | 1 | 1 | | | | | | 2 | 1 |
| 29 | UV Cabiante | | | | | | | | | | |
| 30 | Horizontal Autoclave | | | | | | | | | | |
| 31 | Vertical Autoclave | | | | | | | | 1 | | |
| 32 | Cooling Centrifuge | | | | | | | | | | 1 |
| 33 | Rotary Evaporator | | | | | | | | | | |
| 34 | Vaccume pump | | | 1 | | | | | | | |
| 35 | Fermanter | | | | | | | | | | |
| 36 | Plate reader | | | | | | | | | | |
| 37 | Gradient PCR | | 1 | | | | | | | | |
| 38 | Deep freezer | | | | | | | | | | 1 |
| 39 | Automatic ICE Flaker | | | | | | | | | | |
| 40 | Spinix Vrtex | | | | | | | | | | |
| 41 | Calorimeter | | | | | | | | | | |
| 42 | Orbital shaker | 1 | | | | | | | | | |
| 43 | Cooling Incubator | | | | | 1 | 1 | | | | 1 |
| 44 | HPLC | | | | | | | | | | |
| 45 | Ultra sonic Homogenizer | | | | | | | | | | |
| 46 | Centrifuge | | | | | | | | | | |
| 47 | Multi image Light Cabinete | | | | | | | | | | |
| 48 | Microwave | | 1 | | | | | | | | |
| 49 | Gel documemtation | | | | | | | | | | |
| 50 | water despenser Refridgerator | | | | | | | | | | |
| 51 | water purifier sysem | | 1 | | | | | | | | |
| 52 | PCR | | 1 | | | | | | | | |
| 53 | Dry bath | | 3 | | | | | | 1 | | |
| 54 | PCR Centrifuge | | 1 | | | | | | | | |
| 55 | UV transe eliminator | | 1 | | | | | | | | 1 |
| 56 | electrophorensis power suppy | | 1 | | | | | | | | |
| 57 | Vortex | | 1 | | | | | | | | |
| 58 | Hot Air Ovan | | | 1 | | | 1 | | 1 | 1 | |
| 59 | Bactrological incubator | | | 1 | | | | | 2 | | |
| 60 | Lipho-lyzer | | | 1 | | | | | | | |
| 61 | Power Fact | | | 1 | | | | | | | |
| 62 | Bath sonigator | | | 1 | | | | | | | |
| 63 | Power supply Equipment | | | 1 | | | | | | | |
| 64 | Laboratory Ovan | | | | | | | | 4 | | |

Table No-2.2

Building wise load survey

Name of Building - Biotech building

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | |
|--------|--------------------------------|--------------------------|-----------------------------|-----------------|--------------|---------------|---------------|---------|------------|------------------------------|-----------------------|
| | | Tissue Culture Lab | Professor Room & inside Lab | Biosafety Level | Seminar hall | Computer Room | Reasearch Lab | Library | Msc LAB1,2 | Chemical/sterrilization room | Instrumentation Lab 3 |
| 65 | Remi R-4c DX centrifuge | | | | | | | | 3 | | |
| 66 | water bath | | | | | | | | 1 | | |
| 67 | Drill Machine | | | | | | | | 1 | | |
| 68 | Multispine | | | | | | | | 1 | | |
| 69 | Autoclave | | | | | | | | | 3 | |
| 70 | Distillation plant | | | | | | | | | 1 | |
| 71 | Growth chamber | | | | | | | | | | 1 |
| 72 | Cyclo Mixer | | | | | | | | | | |
| 73 | Grinder | | | | | | | | | | |
| 74 | GEL rocker | | | | | | | | | | |
| 75 | Digital Balance | | | | | | | | | | |
| 76 | Electroporator | | | | | | | | | | |
| 77 | Zetro Size Analyzer | | | | | | | | | | |
| 78 | Nanopartical Traeking Analyzer | | | | | | | | | | |
| 79 | Nanodrop | | | | | | | | | | |
| 80 | Biosefty Cabinete | | | | | | | | | | |
| 81 | Aeroponic Chamber | | | | | | | | | | |
| 82 | Hot Chember | | | | | | | | | | |
| 83 | Oven | | | | | | | | | | |
| 84 | Tea Macker | | | | | | | | | | |
| | | | | | | | | | | | |
| | Other Units | | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | |
| 4 | Water Cooler | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Biotech building

Existing fitting details

| Sr. No | Appliances | | | | | | | | | | |
|--------|-----------------------------------|-------------------------|------------------------|-------------|----------------------|--------------------|----------------------|----------------------|------------|-------------|-------------------|
| | | Secondary Metabolic Lab | Boys girls Comman room | Metagenoics | Nano technology Lab1 | Msc 2Nd Class Room | Nano Technology Lab2 | Nano Technology Lab3 | Class Room | Animal Hous | Passage & Outside |
| | Fan | | | | | | | | | | |
| 1 | Ceiling Fan | 3 | 4 | 2 | 5 | 3 | 5 | | 5 | 1 | |
| 2 | Exhaust Fan | | | 1 | 2 | | | 2 | | 5 | 6 |
| 3 | Bracket Fan | | | | | | | | | 1 | |
| 4 | Cabin Fan | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | |
| | Air Conditioner | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | | | |
| 4 | Air Conditioner (SS) (2 Ton) | 1 | | | 2 | | 2 | | | 2 | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | |
| 8 | Air Cooler | | | | | | | | | | |
| 9 | Other - | | | | | | | | | | |
| | Lighting | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 6 | 4 | 2 | 5 | 6 | 1 | 5 | 6 | 9 | 7 |
| 2 | Tube Light 1 x 20 W | | | | | | 9 | | | | |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | 15 |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | 13 |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | | | | |
| 7 | CFL INT 5 W | | | | | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | | 5 |
| 10 | MH 70 W | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | |
| 13 | Tube Light 1 x 36 W | | | | | | | | | | |
| 14 | Bulb 1 x 60 W | 1 | | | | | | | | | |
| 15 | Moon Light 1 x 15 W | | | | | | | | | | |
| 16 | UV Light | | | | | | | 2 | | | |
| | UPS (in-ph , out-ph) | | | | | | | | | | |
| 1 | UPS 3 kVA | | | | | | | | | | |
| 2 | UPS 5 kVA | | | | | | | | | | |
| 3 | UPS 10 kVA (1 Ph) | | | | | | | | | | |
| 4 | UPS 10 kVA (3 Ph) | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | |
| | Equipments | | | | | | | | | | |
| 1 | Computer | 1 | | 1 | 1 | 1 | 4 | | | | |
| 2 | Printer | | | | | | 1 | | | | |
| 3 | Xerox M/C | | | | | | | | | | |
| 4 | Scanner | | | | | | | | | | |
| 5 | Server | | | | | | | | | | |
| 6 | Computer Ups | | | | | | 2 | | | | |
| 7 | Fridge | 1 | | | 3 | | 4 | | | | 2 |
| 8 | Laptop | 1 | | | | | | | | | |
| 9 | TV | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Biotech building

Existing fitting details

| Sr. No | Appliances | | | | | | | | | | |
|--------|-------------------------------|-------------------------|------------------------|-------------|----------------------|--------------------|----------------------|----------------------|------------|-------------|-------------------|
| | | Secondary Metabolic Lab | Boys girls Comman room | Metagenoics | Nano technology Lab1 | Msc 2Nd Class Room | Nano Technology Lab2 | Nano Technology Lab3 | Class Room | Animal Hous | Passage & Outside |
| 10 | Tali image cytometer | | | | | | | | | | |
| 11 | Projector | | | | | 1 | | | 1 | | |
| 12 | Tali image cytometer | | | | | | | | | | |
| 13 | CO2 Incubator | | | | | | | | | | |
| 14 | UV Spectrophotometre | | | | | | | 1 | | | |
| 15 | Incubator | 1 | | | | | | | | | |
| 16 | CO2 Incubator | | | | | | | | | | |
| 17 | UV Spectrophotometre | | | | | | | | | | |
| 18 | Microscope | | | | | | | | | | |
| 19 | Incubator | | | | | | | | | | |
| 20 | Desktop centrifuge | | | | | | | | | | |
| 21 | Ph metre | | | | 1 | | | | | | |
| 22 | Magnetic stirrer | 3 | | | 2 | | 1 | | | | |
| 23 | Mini centrifuge | 1 | | | 1 | | | | | | |
| 24 | Heating Mental | 1 | | | | | | | | | |
| 25 | Water Distillation | | | | | | | | | | |
| 26 | BOD Incubator | | | | | | | | | | |
| 27 | Orbital Shaking Incubator | | | | 1 | | | | | | 2 |
| 28 | Laminar flow | | | | 2 | | | | | | |
| 29 | UV Cabiante | | | | | | | | | | |
| 30 | Horizontal Autoclave | | | | | | | | | | |
| 31 | Vertical Autoclave | | | | | | | | | | |
| 32 | Cooling Centrifuge | | | | | | | | | | |
| 33 | Rotary Evaporator | | | | | | | | | | |
| 34 | Vaccume pump | | | | | | | | | | |
| 35 | Fermanter | | | | | | | | | | |
| 36 | Plate reader | | | | | | | | | | |
| 37 | Gradient PCR | | | | | | | | | | |
| 38 | Deep freezer | | | | 1 | | | 1 | | | 1 |
| 39 | Automatic ICE Flaker | | | | | | | | | | |
| 40 | Spinix Vrtex | | | | | | | | | | |
| 41 | Calorimeter | | | | | | | | | | |
| 42 | Orbital shaker | | | | | | | | | | |
| 43 | Cooling Incubator | | | | 1 | | | 1 | | | |
| 44 | HPLC | | | | | | | | | | |
| 45 | Ultra sonic Homogenizer | | | | | | | | | | |
| 46 | Centrifuge | | | | | | 1 | | | | |
| 47 | Multi image Light Cabinate | | | | | | | | | | |
| 48 | Microwave | | | | 1 | | | | | | |
| 49 | Gel documemtation | | | | | | | | | | |
| 50 | water despenser Refridgerator | | | | | | | | | | |
| 51 | water purifier sysem | | | | | | | | | | |
| 52 | PCR | | | | 1 | | | | | | |
| 53 | Dry bath | | | | | | | | | | |
| 54 | PCR Centrifuge | | | | | | | | | | |
| 55 | UV transe eliminator | | | | | | | | | | |
| 56 | electrophorensis power suppy | | | | | | | | | | |
| 57 | Vortex | | | | | | | | | | |
| 58 | Hot Air Ovan | | | | 2 | | | | | | |
| 59 | Bactrological incubator | | | | | | | | | | |
| 60 | Lipho-lyzer | | | | | | | | | | |
| 61 | Power Fact | | | | | | | | | | |
| 62 | Bath sonigator | | | | | | | | | | |
| 63 | Power supply Equipment | | | | | | | | | | |
| 64 | Laboratory Ovan | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Biotech building

Existing fitting details

| Sr. No | Appliances | | | | | | | | | | |
|--------|--------------------------------|-------------------------|------------------------|-------------|----------------------|--------------------|----------------------|----------------------|------------|-------------|-------------------|
| | | Secondary Metabolic Lab | Boys girls Comman room | Metagenoics | Nano technology Lab1 | Msc 2Nd Class Room | Nano Technology Lab2 | Nano Technology Lab3 | Class Room | Animal Hous | Passage & Outside |
| 65 | Remi R-4c DX centrifuge | | | | 1 | | | | | | |
| 66 | water bath | | | | | | | | | | |
| 67 | Drill Machine | | | | | | | | | | |
| 68 | Multispine | | | | | | | | | | |
| 69 | Autoclave | | | | | | | | | | |
| 70 | Distillation plant | | | | | | | | | | |
| 71 | Growth chamber | | | | | | | | | | 1 |
| 72 | Cyclo Mixer | 1 | | | 1 | | | | | | |
| 73 | Grinder | 1 | | | | | | | | | |
| 74 | GEL rocker | 1 | | | | | | | | | |
| 75 | Digital Balance | | | | | | 1 | | | | |
| 76 | Electroporator | | | | | | 1 | | | | |
| 77 | Zetro Size Analyzer | | | | | | 1 | | | | |
| 78 | Nanopartical Traeking Analyzer | | | | | | 1 | | | | |
| 79 | Nanodrop | | | | | | 1 | | | | |
| 80 | Biosefty Cabinete | | | | | | | 1 | | | |
| 81 | Aeroponic Chamber | | | | | | | 1 | | | |
| 82 | Hot Chember | | | | | | | | | | 1 |
| 83 | Oven | | | | | | | | | | 1 |
| 84 | Tea Macker | | | | | | | | | | 1 |
| | | | | | | | | | | | |
| | Other Units | | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | |
| 4 | Water Cooler | | | | | | | | | | 2 |
| 5 | Other - | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Biotech building

Existing fitting details

| Sr. No | Appliances | | |
|--------|-----------------------------------|-----|-------|
| | | R32 | Total |
| | Fan | | 0 |
| 1 | Ceiling Fan | | 113 |
| 2 | Exhaust Fan | | 27 |
| 3 | Bracket Fan | | 1 |
| 4 | Cabin Fan | | 0 |
| 5 | Other - | | 0 |
| | | | 0 |
| | Air Conditioner | | 0 |
| 1 | Windows A/C (1.5 Ton) | | 6 |
| 2 | Windows A/C (2 Ton) | | 2 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | 6 |
| 4 | Air Conditioner (SS) (2 Ton) | | 27 |
| 5 | Air Conditioner (D) (5.5 Ton) | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | 0 |
| 8 | Air Cooler | | 0 |
| 9 | Other - | | 0 |
| | | | 0 |
| | Lighting | | 0 |
| 1 | Tube Light 1 x 40 W | 5 | 207 |
| 2 | Tube Light 1 x 20 W | | 16 |
| 3 | CFL DL 1 x 11 W | 19 | 15 |
| 4 | CFL DL 2 x 11 W | 1 | 13 |
| 5 | CFL DL 2 x 36 W | | 0 |
| 6 | CFL INT 11 W | | 0 |
| 7 | CFL INT 5 W | 2 | 0 |
| 8 | CFL SL 1x 36 W | | 0 |
| 9 | MV 125 W | | 5 |
| 10 | MH 70 W | | 0 |
| 11 | MH 150 W | | 0 |
| 12 | MH 250 W | | 0 |
| 13 | Tube Light 1 x 36 W | | 2 |
| 14 | Bulb 1 x 60 W | | 2 |
| 15 | Moon Light 1 x 15 W | | 16 |
| 16 | UV Light | | 2 |
| | UPS (in-ph , out-ph) | | 0 |
| 1 | UPS 3 kVA | | 1 |
| 2 | UPS 5 kVA | | 1 |
| 3 | UPS 10 kVA (1 Ph) | | 0 |
| 4 | UPS 10 kVA (3 Ph) | | 0 |
| 5 | Other - | | 0 |
| | | | 0 |
| | Equipments | | 0 |
| 1 | Computer | | 62 |
| 2 | Printer | | 16 |
| 3 | Xerox M/C | | 3 |
| 4 | Scanner | | 2 |
| 5 | Server | | 4 |
| 6 | Computer Ups | | 3 |
| 7 | Fridge | | 24 |
| 8 | Laptop | | 6 |
| 9 | TV | | 1 |

Table No-2.2**Building wise load survey****Name of Building - Biotech building****Existing fitting details**

| Sr. No | Appliances | | |
|--------|-------------------------------|-----|-------|
| | | R32 | Total |
| 10 | Tali image cytometer | | 2 |
| 11 | Projector | | 3 |
| 12 | Tali image cytometer | | 0 |
| 13 | CO2 Incubator | | 0 |
| 14 | UV Spectrophotometre | | 2 |
| 15 | Incubator | | 2 |
| 16 | CO2 Incubator | | 1 |
| 17 | UV Spectrophotometre | | 4 |
| 18 | Microscope | | 3 |
| 19 | Incubator | | 1 |
| 20 | Desktop centrifuge | | 1 |
| 21 | Ph metre | | 3 |
| 22 | Magnetic stirrer | | 9 |
| 23 | Mini centrifuge | | 4 |
| 24 | Heating Mental | | 3 |
| 25 | Water Distillation | | 2 |
| 26 | BOD Incubator | | 1 |
| 27 | Orbital Shaking Incubator | | 6 |
| 28 | Laminar flow | | 11 |
| 29 | UV Cabiante | | 1 |
| 30 | Horizontal Autoclave | | 1 |
| 31 | Vertical Autoclave | | 2 |
| 32 | Cooling Centrifuge | | 3 |
| 33 | Rotary Evaporator | | 1 |
| 34 | Vaccume pump | | 3 |
| 35 | Fermanter | | 1 |
| 36 | Plate reader | | 3 |
| 37 | Gradient PCR | | 2 |
| 38 | Deep freezer | | 5 |
| 39 | Automatic ICE Flaker | | 1 |
| 40 | Spinix Vrtex | | 1 |
| 41 | Calorimeter | | 1 |
| 42 | Orbital shaker | | 2 |
| 43 | Cooling Incubator | | 6 |
| 44 | HPLC | | 2 |
| 45 | Ultra sonic Homogenizer | | 1 |
| 46 | Centrifuge | | 4 |
| 47 | Multi image Light Cabiante | | 1 |
| 48 | Microwave | | 3 |
| 49 | Gel docummentation | | 1 |
| 50 | water despenser Refridgerator | | 1 |
| 51 | water purifier sysem | | 2 |
| 52 | PCR | | 2 |
| 53 | Dry bath | | 4 |
| 54 | PCR Centrifuge | | 1 |
| 55 | UV transe eliminator | | 2 |
| 56 | electrophorensis power suppy | | 1 |
| 57 | Vortex | | 1 |
| 58 | Hot Air Ovan | | 6 |
| 59 | Bactrological incubator | | 3 |
| 60 | Lipho-lyzer | | 1 |
| 61 | Power Fact | | 1 |
| 62 | Bath sonigator | | 1 |
| 63 | Power supply Equipment | | 1 |
| 64 | Laboratory Ovan | | 4 |

Table No-2.2**Building wise load survey****Name of Building - Biotech building****Existing fitting details**

| Sr. No | Appliances | | |
|--------|--------------------------------|-----|-------|
| | | R32 | Total |
| 65 | Remi R-4c DX centrifuge | | 4 |
| 66 | water bath | | 1 |
| 67 | Drill Machine | | 1 |
| 68 | Multispine | | 1 |
| 69 | Autoclave | | 3 |
| 70 | Distillation plant | | 1 |
| 71 | Growth chamber | | 2 |
| 72 | Cyclo Mixer | | 2 |
| 73 | Grinder | | 1 |
| 74 | GEL rocker | | 1 |
| 75 | Digital Balance | | 1 |
| 76 | Electroporator | | 1 |
| 77 | Zetro Size Analyzer | | 1 |
| 78 | Nanopartical Traeking Analyzer | | 1 |
| 79 | Nanodrop | | 1 |
| 80 | Biosefty Cabinete | | 1 |
| 81 | Aeroponic Chamber | | 1 |
| 82 | Hot Chember | | 1 |
| 83 | Oven | | 1 |
| 84 | Tea Macker | | 1 |
| | | | 0 |
| | Other Units | | 0 |
| 1 | Motor (1Ph) | | 0 |
| 2 | Motor (3Ph) | | 0 |
| 3 | Gyser | | 0 |
| 4 | Water Cooler | | 2 |
| 5 | Other - | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-----------------|--------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Botany building | |
| Name of Depett - | | Botany building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 53.48 |
| 2 | Maximum Demand - | KVA (peak) | 8.43 |
| 3 | Power factor - | Nos. | 0.871 |
| 4 | Full load currunt - | AMP | 12.78 |
| 5 | Voltage at full load - | Volt | 381 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1k 079510 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ANNEX. ALU. 3.5C X 120 SQMM |

Table No-2.2

Building wise load survey

Name of Building - BOTANY

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | |
|--------|-----------------------------------|--------------------------|-----------------------|--------------|-----------|----------------|-------------------|---------------------|-----------------|----------------------------------|--------------------|--------------|
| | | Seminar hall | Department of library | Teacher room | Classroom | Professor Room | Head of dept room | Associate professor | Bio-informatics | Reproductive Biology Angiosperms | Tissue culture lab | Research lab |
| | Fan | | | | | | | | | | | |
| 1 | Ceiling Fan | 14 | 6 | 2 | 4 | 2 | 3 | 2 | 2 | 4 | 4 | 4 |
| 2 | Exhaust Fan | 4 | 2 | | | | 1 | 1 | | | | 1 |
| 3 | Bracket Fan | | | | | | | | | | | |
| 4 | Cabin Fan | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |
| | Air Conditioner | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | 1 | | 1 | 2 | 1 | 1 | 1 | 2 | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | |
| 8 | Air Cooler | | | | | | | | | | | |
| 9 | Other - | | | | | | | | | | | |
| | Lighting | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 19 | 10 | 2 | 4 | 2 | 5 | 2 | 2 | 4 | 38 | 3 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | | |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | | | | | |
| 7 | CFL INT 5 W | | | | | | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | | | |
| 10 | MH 70 W | | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | | |
| 13 | OTHER- | | | | | | | | | | | |
| | UPS (in-ph , out-ph) | | | | | | | | | | | |
| | UPS 3 kVA | | | | | | | | | | | |
| 1 | UPS 5 kVA | | | | | | | | | | | |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | |
| 4 | UPS 4 kVA | | | | | | | | | | | |
| | Equipments | | | | | | | | | | | |
| 1 | Computer | 1 | | 1 | | 1 | 1 | 1 | 10 | 1 | | |
| 2 | Printer | | | 1 | | 1 | | 1 | | | | |
| 3 | Xerox M/C | | | | | | | | | | | |
| 4 | Scanner | | | | | | 1 | | | | | |
| 5 | Projector | 1 | | | 2 | | | | | | | 1 |
| 6 | Fridge | | | 1 | | | | | | 1 | 1 | 1 |
| 7 | Spectro Photo-meter | | | 1 | | | | | | | | |
| 8 | PROGRES CT3 MACHINE | | | | | | | | 1 | | | |
| 9 | Ovan | | | | | | | | | | 1 | |
| 10 | Microwave ovan | | | | | | | | | | 1 | |

Table No-2.2

Building wise load survey

Name of Building - BOTANY

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | |
|--------|-------------------------------|--------------------------|-----------------------|--------------|-----------|----------------|-------------------|---------------------|-----------------|----------------------------------|--------------------|--------------|
| | | Seminar hall | Department of library | Teacher room | Classroom | Professor Room | Head of dept room | Associate professor | Bio-informatics | Reproductive Biology Angiosperms | Tissue culture lab | Research lab |
| 11 | Orbital shaking incubator | | | | | | | | | | | 1 |
| 12 | Phytochemical assembly heater | | | | | | | | | | | 2 |
| 13 | DEEP FEEZER | | | | | | | | | | | |
| 14 | BOD INCUBATOR | | | | | | | | | | | |
| 15 | R-8 CENTRIFUGE | | | | | | | | | | | |
| 16 | HOT PLATE | | | | | | | | | | | |
| 17 | INCUBATOR | | | | | | | | | | | |
| 18 | MUFFLE FURNACE | | | | | | | | | | | |
| 19 | METAL HEATER | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | Other Units | | | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | | |
| 4 | Water Cooler | | 1 | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |

| Table No-2.2 | | | | | | | |
|---------------------------|-----------------------------------|-------------------------|------------|------------|-------------------|-----------|-------|
| Building wise load survey | | | | | | | |
| Name of Building - BOTANY | | | | | | | |
| Existing fitting details | | | | | | | |
| Sr. No | Appliances | Plant molecular biology | Msc -2 lab | Msc -1 lab | Passage & outside | Wash room | Total |
| | Fan | | | | | | 0 |
| 1 | Ceiling Fan | 1 | 10 | 10 | | | 68 |
| 2 | Exhaust Fan | | 1 | 3 | | 6 | 19 |
| 3 | Bracket Fan | | | | | | 0 |
| 4 | Cabin Fan | | | | | | 0 |
| 5 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Air Conditioner | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | 1 | | | | | 10 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | 0 |
| 8 | Air Cooler | | | | 5 | | 5 |
| 9 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Lighting | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 21 | 12 | 12 | 11 | 9 | 156 |
| 2 | Tube Light 2 x 40 W | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | 7 | | 7 |
| 4 | CFL DL 2 x 11 W | | | | 7 | | 7 |
| 5 | CFL DL 2 x 36 W | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | 0 |
| 9 | MV 125 W | | | | | | 0 |
| 10 | MH 70 W | | | | | | 0 |
| 11 | MH 150 W | | | | | | 0 |
| 12 | MH 250 W | | | | | | 0 |
| 13 | OTHER- | | | | | | 0 |
| | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | 0 |
| | UPS 3 kVA | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | 0 |
| 4 | UPS 4 kVA | 1 | | | | | 1 |
| | | | | | | | 0 |
| | Equipments | | | | | | 0 |
| 1 | Computer | | | | | | 16 |
| 2 | Printer | | | | | | 3 |
| 3 | Xerox M/C | | | | | | 0 |
| 4 | Scanner | | | | | | 1 |
| 5 | Projector | | 1 | 1 | | | 6 |
| 6 | Fridge | | | 1 | | | 5 |
| 7 | Spectro Photo-meter | | | | | | 1 |
| 8 | PROGRES CT3 MACHINE | | | | | | 1 |
| 9 | Ovan | | 1 | 1 | | | 3 |
| 10 | Microwave ovan | | | | | | 1 |

| Table No-2.2 | | | | | | | |
|----------------------------------|-------------------------------|-------------------------|------------|------------|-------------------|-----------|--------------|
| Building wise load survey | | | | | | | |
| Name of Building - BOTANY | | | | | | | |
| Existing fitting details | | | | | | | |
| Sr. No | Appliances | | | | | | Total |
| | | Plant molecular biology | Msc -2 lab | Msc -1 lab | Passage & outside | Wash room | |
| 11 | Orbital shaking incubator | | | | | | 1 |
| 12 | Phytochemical assembly heater | | | | | | 2 |
| 13 | DEEP FEEZER | | 1 | | | | 1 |
| 14 | BOD INCUBATOR | | 1 | | | | 1 |
| 15 | R-8 CENTRIFUGE | | 1 | | | | 1 |
| 16 | HOT PLATE | | 1 | | | | 1 |
| 17 | INCUBATOR | | 1 | | | | 1 |
| 18 | MUFFLE FURNACE | | 1 | | | | 1 |
| 19 | METAL HEATER | | 1 | | | | 1 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | Other Units | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | 0 |
| 3 | Gyser | | | | | | 0 |
| 4 | Water Cooler | | | | 1 | | 2 |
| 5 | Other - | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Boys hostel NO-1 | |
| Name of Depett - | | Boys hostel NO-1 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 7.23 |
| 2 | Maximum Demand - | KVA (peak) | 4.98 |
| 3 | Power factor - | Nos. | 0.966 |
| 4 | Full load currunt - | AMP | 7.19 |
| 5 | Voltage at full load - | Volt | 400 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1443 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU.3.5C X 50 SQMM |

Table No-2.2

Building wise load survey

Name of Building - P.G Boys Hostel

Existing fitting details

| Sr. No | Appliances | | | | | | | | | | | |
|--------|-----------------------------------|----|----|----|----|----|----|----|----|----|-----|-----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 |
| | Fan | | | | | | | | | | | |
| 1 | Ceiling Fan | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | Exhaust Fan | | | | | | | | | | | |
| 3 | Bracket Fan | | | | | | | | | | | |
| 4 | Cabin Fan | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |
| | Air Conditioner | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | | | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | |
| 8 | Air Cooler | | | | | | | | | | | |
| 9 | Other - | | | | | | | | | | | |
| | Lighting | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | | |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | | | | | |
| 7 | CFL INT 5 W | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | | | |
| 10 | MH 70 W | | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | | |
| 13 | Other - | | | | | | | | | | | |
| | UPS (in-ph , out-ph) | | | | | | | | | | | |
| | UPS 3 kVA | | | | | | | | | | | |
| 1 | UPS 5 kVA | | | | | | | | | | | |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | |
| 4 | Other - | | | | | | | | | | | |
| | Equipments | | | | | | | | | | | |
| 1 | Computer | | | | | | | | | | | |
| 2 | Printer | | | | | | | | | | | |
| 3 | Xerox M/C | | | | | | | | | | | |
| 4 | Scanner | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |
| | Other Units | | | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | | |
| 4 | Water Cooler | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - P.G Boys Hostel

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | |
|--------|-----------------------------------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | R12 | R13 | R14 | R15 | R16 | R17 | R18 | R19 | R20 | R21 |
| | Fan | | | | | | | | | | |
| 1 | Ceiling Fan | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | Exhaust Fan | | | | | | | | | | |
| 3 | Bracket Fan | | | | | | | | | | |
| 4 | Cabin Fan | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | |
| | Air Conditioner | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | |
| 8 | Air Cooler | | | | | | | | | | |
| 9 | Other - | | | | | | | | | | |
| | Lighting | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | | | | |
| 7 | CFL INT 5 W | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | CFL SL 1x 36 W | | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | | |
| 10 | MH 70 W | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | |
| 13 | Other - | | | | | | | | | | |
| | UPS (in-ph , out-ph) | | | | | | | | | | |
| | UPS 3 kVA | | | | | | | | | | |
| 1 | UPS 5 kVA | | | | | | | | | | |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | |
| 4 | Other - | | | | | | | | | | |
| | Equipments | | | | | | | | | | |
| 1 | Computer | | | | | | | | | | |
| 2 | Printer | | | | | | | | | | |
| 3 | Xerox M/C | | | | | | | | | | |
| 4 | Scanner | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | |
| | Other Units | | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | |
| 4 | Water Cooler | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - P.G Boys Hostel

Existing fitting details

| Sr. No | Appliances | R22 | R23 | R24 | Passagee | Wash room | out side | Total |
|--------|-----------------------------------|-----|-----|-----|----------|-----------|----------|-----------|
| | Fan | | | | | | | 0 |
| 1 | Ceiling Fan | 1 | 1 | 1 | | | 1 | 25 |
| 2 | Exhaust Fan | | | | | 5 | | 5 |
| 3 | Bracket Fan | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | 0 |
| 5 | Other - | | | | | | | 0 |
| | | | | | | | | 0 |
| | Air Conditioner | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | 0 |
| 8 | Air Cooler | | | | | | | 0 |
| 9 | Other - | | | | | | | 0 |
| | | | | | | | | 0 |
| | Lighting | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 1 | 1 | 1 | 4 | | | 28 |
| 2 | Tube Light 2 x 40 W | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | 7 | 3 | | 10 |
| 4 | CFL DL 2 x 11 W | | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | 0 |
| 7 | CFL INT 5 W | 1 | 1 | 1 | | | | 24 |
| 8 | CFL SL 1x 36 W | | | | | | | 0 |
| 9 | MV 125 W | | | | | | 1 | 1 |
| 10 | MH 70 W | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | 0 |
| 12 | MH 250 W | | | | | | 1 | 1 |
| 13 | Other - | | | | | | | 0 |
| | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | 0 |
| 4 | Other - | | | | | | | 0 |
| | | | | | | | | 0 |
| | Equipments | | | | | | | 0 |
| 1 | Computer | | | | | | | 0 |
| 2 | Printer | | | | | | | 0 |
| 3 | Xerox M/C | | | | | | | 0 |
| 4 | Scanner | | | | | | | 0 |
| 5 | Other - | | | | | | | 0 |
| | | | | | | | | 0 |
| | Other Units | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | 0 |
| 3 | Gyser | | | | | 1 | | 1 |
| 4 | Water Cooler | | | | | 1 | | 1 |
| 5 | Other - | | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--------------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Boys Hostel NO. -2 | |
| Name of Depett - | | Boys Hostel NO. -2 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 47.23 |
| 2 | Maximum Demand - | KVA (peak) | 8.68 |
| 3 | Power factor - | Nos. | 0.809 |
| 4 | Full load currunt - | AMP | 12.94 |
| 5 | Voltage at full load - | Volt | 387 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 4046 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ANNEX. ALU. 3.5C X 120 SQMM |

Table No-2.2

Building wise load survey

Name of Building - Boys Hostel 2

Existing fitting details

| Sr. No | Appliances | | | | | | | |
|--------|-----------------------------------|----|----|----|----|----|----|----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 |
| | Fan | | | | | | | |
| 1 | Ceiling Fan | 22 | 4 | 9 | 25 | 6 | 2 | 25 |
| 2 | Exhaust Fan | 10 | | | 10 | | | 10 |
| 3 | Bracket Fan | | | | | | | |
| 4 | Cabin Fan | | | | | | | |
| 5 | Other - | | | | | | | |
| | | | | | | | | |
| | Air Conditioner | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | |
| 8 | Air Cooler | | | | | | | |
| 9 | Other - | | | | | | | |
| | | | | | | | | |
| | Lighting | | | | | | | |
| 1 | Tube Light 1 x 40 W | 22 | 4 | 7 | 25 | 10 | 4 | 25 |
| 2 | Tube Light 2 x 40 W | | | | | | | |
| 3 | CFL DL 1 x 18 W | | | 8 | | | | |
| 4 | CFL DL 1 x 11 W | | | | | | | |
| 5 | CFL PL 1 x 36 W | | | | | | | |
| 6 | CFL PL 1 x 11 W | | | | | | | |
| 7 | CFL INT 5 W | 22 | | 4 | 13 | | | 13 |
| 8 | CFL SL 1x 36 W | | | | | | | |
| 9 | MV 125 W | | | | | | | |
| 10 | MH 70 W | | | | | | | |
| 11 | MH 150 W | | | | | | | |
| 12 | MH 250 W | | | | | | | |
| 13 | Bulb 1 x 60 W | | 1 | | | | | |
| 14 | Moon Light 1 x 15 W | | | | | | 1 | |
| | | | | | | | | |
| | UPS (in-ph , out-ph) | | | | | | | |
| | UPS 3 kVA | | | | | | | |
| 1 | UPS 5 kVA | | | | | | | |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Boys Hostel 2

Existing fitting details

| Sr. No | Appliances | | | | | | | |
|--------|--------------------|----|----|----|----|----|----|----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | |
| 4 | Other - | | | | | | | |
| | | | | | | | | |
| | Equipments | | | | | | | |
| 1 | Computer | | | | | | 2 | |
| 2 | Printer | | | | | | | |
| 3 | Xerox M/C | | | | | | | |
| 4 | Scanner | | | | | | | |
| 5 | Mixer | | | 1 | | | | |
| 6 | TV | | | | | 1 | | |
| 7 | Computer Ups | | | | | | 2 | |
| | Server | | | | | | | |
| | Other Units | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | |
| 3 | Gyser | 6 | | | 5 | | | 6 |
| 4 | Water Cooler | | | | | | | |
| | | | | | | | | |

| Name of Building - Boys Hostel 2 | | | | | |
|----------------------------------|-----------------------------------|----|----|-----|-------|
| Existing fitting details | | | | | |
| Sr. No | Appliances | | | | |
| | | R8 | R9 | R10 | Total |
| | Fan | | | | 0 |
| 1 | Ceiling Fan | 2 | | | 95 |
| 2 | Exhaust Fan | | | 3 | 33 |
| 3 | Bracket Fan | | | | 0 |
| 4 | Cabin Fan | | | | 0 |
| 5 | Other - | | | | 0 |
| | | | | | 0 |
| | Air Conditioner | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | 0 |
| 8 | Air Cooler | | | | 0 |
| 9 | Other - | | | | 0 |
| | | | | | 0 |
| | Lighting | | | | 0 |
| 1 | Tube Light 1 x 40 W | 2 | 7 | 5 | 111 |
| 2 | Tube Light 2 x 40 W | | | | 0 |
| 3 | CFL DL 1 x 18 W | | 1 | | 9 |
| 4 | CFL DL 1 x 11 W | | 1 | | 1 |
| 5 | CFL PL 1 x 36 W | | 1 | | 1 |
| 6 | CFL PL 1 x 11 W | | 29 | | 29 |
| 7 | CFL INT 5 W | 4 | 2 | 29 | 87 |
| 8 | CFL SL 1x 36 W | | | | 0 |
| 9 | MV 125 W | | 3 | | 3 |
| 10 | MH 70 W | | | | 0 |
| 11 | MH 150 W | | | | 0 |
| 12 | MH 250 W | | | | 0 |
| 13 | Bulb 1 x 60 W | | | | 1 |
| 14 | Moon Light 1 x 15 W | | | | 1 |
| | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | 0 |
| | UPS 3 kVA | | | | 0 |
| 1 | UPS 5 kVA | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | 0 |

| Name of Building - Boys Hostel 2 | | | | | |
|----------------------------------|--------------------|----|----|-----|-------|
| Existing fitting details | | | | | |
| Sr. No | Appliances | | | | |
| | | R8 | R9 | R10 | Total |
| 3 | UPS 10 kVA (3 Ph) | | | | 0 |
| 4 | Other - | | | | 0 |
| | | | | | 0 |
| | Equipments | | | | 0 |
| 1 | Computer | | | | 2 |
| 2 | Printer | | | | 0 |
| 3 | Xerox M/C | | | | 0 |
| 4 | Scanner | | | | 0 |
| 5 | Mixer | | | | 1 |
| 6 | TV | | | | 1 |
| 7 | Computer Ups | | | | 2 |
| | Server | | | | 0 |
| | Other Units | | | | 0 |
| 1 | Motor (1Ph) | | | | 0 |
| 2 | Motor (3Ph) | | | 1 | 1 |
| 3 | Gyser | | | | 17 |
| 4 | Water Cooler | | 2 | | 2 |
| | | | | | 0 |

Abbreviations

| | Name of Room / Lab |
|-----|----------------------------|
| R1 | Room 1 to 22 |
| R2 | Store & Meter room |
| R3 | Mess Hall |
| R4 | Room 101 to 112 & Room 113 |
| R5 | Recreation Hall |
| R6 | Computer room |
| R7 | Room 200 to 212 & 213 |
| R8 | office room outside |
| R9 | Passage & outside |
| R10 | Wash room |

| Table No. 2.1 | | | |
|----------------------------|----------------------------|------------|------------------------------------|
| Building Wise load surey | | | |
| Name of building - Canteen | | Canteen | |
| Name of Depett - | | Canteen | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 22 |
| 2 | Maximum Demand - | KVA (peak) | 10.98 |
| 3 | Power factor - | Nos. | 0.901 |
| 4 | Full load currunt - | AMP | 27 |
| 5 | Voltage at full load - | Volt | 400 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 2085679 |
| | | - | 495046 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| | | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1, 1 |
| | | - | 1, 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 4C X 16 SQMM |
| | | - | ARM. CABLE ALU. 3.5 C X 35 SQMM |

| Table No. 2.1 | | | |
|----------------------------|----------------------------|---------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - Canteen | | Canteen (old) | |
| Name of Depett - | | Canteen (old) | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 6.59 |
| 2 | Maximum Demand - | KVA (peak) | 3.29 |
| 3 | Power factor - | Nos. | 0.901 |
| 4 | Full load currunt - | AMP | 8.23 |
| 5 | Voltage at full load - | Volt | 400 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 2085679 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1, 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 4C X 16 SQMM |

| Table No. 2.1 | | | |
|----------------------------|----------------------------|---------------|------------------------------------|
| Building Wise load surey | | | |
| Name of building - Canteen | | Canteen (New) | |
| Name of Depett - | | Canteen (New) | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 15.37 |
| 2 | Maximum Demand - | KVA (peak) | 7.68 |
| 3 | Power factor - | Nos. | 0.901 |
| 4 | Full load currunt - | AMP | 19.21 |
| 5 | Voltage at full load - | Volt | 400 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 495046 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1, 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5 C X 35 SQMM |

Table No-2.2

Building wise load survey

Name of Building - Canteen

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | Total |
|--------|-----------------------------------|--------------------------|------------------|----------------------|---------|-----------|-------|
| | | Outside cafeteria | Inside cafeteria | Kitchen & store room | Outside | wash room | |
| | Fan | | | | | | 0 |
| 1 | Ceiling Fan | 8 | 16 | 5 | | | 29 |
| 2 | Exhaust Fan | | | 4 | | 2 | 6 |
| 3 | Bracket Fan | | 1 | | | | 1 |
| 4 | Cabin Fan | | | | | | 0 |
| 5 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Air Conditioner | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | 0 |
| 8 | Air Cooler | | 3 | 2 | | | 5 |
| 9 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Lighting | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 9 | 19 | 5 | 1 | 5 | 39 |
| 2 | Tube Light 1 x 36 W | | | 12 | | | 12 |
| 3 | CFL DL 1 x 11 W | | | | | | 0 |
| 4 | CFL DL 2 x 11 W | | | | | | 0 |
| 5 | CFL PL 1 x 36 W | | | | 5 | | 5 |
| 6 | CFL INT 11 W | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | 0 |
| 9 | MV 250 W | | | | 2 | | 2 |
| 10 | MH 70 W | | | | | | 0 |
| 11 | MH 125 W | | | | 8 | | 8 |
| 12 | MH 250 W | | | | | | 0 |
| 13 | Bulb 1 x 60 w | | | | 1 | | 1 |
| | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | 0 |
| | UPS 3 kVA | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | 0 |
| 4 | Other - | | | | | | 0 |
| | | | | | | | 0 |

Table No-2.2

Building wise load survey

Name of Building - Canteen

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | Total |
|--------|--------------------|--------------------------|------------------|----------------------|---------|-----------|-------|
| | | Outside cafeteria | Inside cafeteria | Kitchen & store room | Outside | wash room | |
| | Equipments | | | | | | 0 |
| 1 | Computer | | | | | | 0 |
| 2 | Printer | | | | | | 0 |
| 3 | Xerox M/C | | | | | | 0 |
| 4 | Scanner | | | | | | 0 |
| 5 | TV | | 1 | | | | 1 |
| 6 | Fridge | | 3 | 1 | | | 4 |
| 7 | deep freezer | | 2 | | | | 2 |
| 8 | Mixer | | | 1 | | | 1 |
| 9 | Grinder mill | | | 1 | | | 1 |
| | | | | | | | 0 |
| | Other Units | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | 0 |
| 3 | Gyser | | | | | | 0 |
| 4 | Water Cooler | | 2 | | | | 2 |
| 5 | Other - | | | | | | 0 |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|-------------------------------|---------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Chawkidar Qtr- Phy. Edu Buld. | |
| Name of Depett - | | Chawkidar Qtr- Phy. Edu Buld. | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.25 |
| 2 | Maximum Demand - | KVA (peak) | 0.17 |
| 3 | Power factor - | Nos. | 0.852 |
| 4 | Full load currunt - | AMP | 0.46 |
| 5 | Voltage at full load - | Volt | 375.00 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 26039 |
| 8 | Energy meter test result - | - | OK |
| 9 | Multiplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 4C X 25 SQMM |

| Table No-2.2 | | | | | | | |
|---------------------------|------------------------------------|-------------------------------|----|----|----|----|-------|
| Building wise load survey | | | | | | | |
| Name of Building - | | Chawkidar Qtr- Phy. Edu Buld. | | | | | |
| Existing fitting details | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | |
| | | R1 | R2 | R3 | R4 | R5 | Total |
| | Fan | | | | | | |
| 1 | Ceiling Fan | 2 | | | | | 2 |
| 2 | Exhaust Fan | | | | | | 0 |
| 3 | Bracket Fan | | | | | | 0 |
| 4 | Cabin Fan | | | | | | 0 |
| 5 | Other - | | | | | | 0 |
| | | | | | | | |
| | Air Conditioner | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | 0 |
| 2 | Windows A/C (1 Ton) | | | | | | 0 |
| 3 | Air Conditioner (SS) (1 Ton) | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | 0 |
| 7 | Air Conditioner (Cassette) (2 Ton) | | | | | | 0 |
| 8 | Air Cooler | | | | | | 0 |
| 9 | Other - | | | | | | 0 |
| | | | | | | | |
| | Lighting | | | | | | |
| 1 | Tube Light 1 x 40 W | 3 | | | | | 3 |
| 2 | Tube Light 2 x 40 W | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | | 0 |
| 4 | CFL DL 1 x 18 W | | | | | | 0 |
| 5 | CFL DL 1 x 36 W | | | | | | 0 |
| 6 | LED INT 5 W | | | | | | 0 |
| 7 | CFL INT 60 W | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | 0 |
| 9 | MV 125 W | | | | | | 0 |
| 10 | MH 70 W | | | | | | 0 |
| 11 | MH 150 W | | | | | | 0 |
| 12 | MH 250 W | | | | | | 0 |
| 13 | Other - Bulb 1 x 5 W | | | | | | 1 |
| | | | | | | | |
| | UPS (in-ph , out-ph) | | | | | | |
| 1 | UPS 1 kVA | | | | | | 0 |
| 2 | UPS 5 kVA | | | | | | 0 |
| 3 | UPS 10 kVA (1 Ph) | | | | | | 0 |
| 4 | UPS 10 kVA (3 Ph) | | | | | | 0 |
| 5 | Other - | | | | | | 0 |
| | | | | | | | |
| | Equipments | | | | | | |
| 1 | Computer | | | | | | 0 |
| 2 | Printer | | | | | | 0 |
| 3 | Xerox M/C | | | | | | 0 |
| 4 | Scanner | | | | | | 0 |
| 5 | Other - T.V | | | | | | 0 |
| 6 | Printing machine | | | | | | 0 |
| 7 | cash counting machine | | | | | | 0 |
| 8 | Fridge | | | | | | 0 |
| | Other Units | | | | | | |
| 1 | Motor (1Ph) | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | 0 |
| 3 | Geyser | | | | | | 0 |
| 4 | Water Cooler | | | | | | 0 |
| 5 | Other - | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------|------------------------------------|
| Building Wise load surey | | | |
| Name of building - | | | |
| Name of Depett - | | | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 246 |
| 2 | Maximum Demand - | KVA (peak) | 24.42 |
| 3 | Power factor - | Nos. | 0.904 |
| 4 | Full load currunt - | AMP | 38 |
| 5 | Voltage at full load - | Volt | 367 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 079506 |
| | | - | 1K 079513 |
| 8 | Energy meter test result - | - | OK |
| | | - | - |
| 9 | Mulplying factor - | Nos. | 40 |
| | | - | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 120 SQMM |
| | | - | ARM. CABLE ALU. 3.5C X 120 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------|------------------------------------|
| Building Wise load surey | | | |
| Name of building - | | | |
| Name of Depett - | | | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 197 |
| 2 | Maximum Demand - | KVA (peak) | 19.4 |
| 3 | Power factor - | Nos. | 0.98 |
| 4 | Full load currunt - | AMP | 29.274 |
| 5 | Voltage at full load - | Volt | 382.781 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 079506 |
| 8 | Energy meter test result - | - | OK |
| 9 | Mulplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 120 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------|------------------------------------|
| Building Wise load surey | | | |
| Name of building - | | | |
| Name of Depett - | | | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 49.14 |
| 2 | Maximum Demand - | KVA (peak) | 5.01 |
| 3 | Power factor - | Nos. | 0.83 |
| 4 | Full load currunt - | AMP | 8.236 |
| 5 | Voltage at full load - | Volt | 351.41 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 079513 |
| 8 | Energy meter test result - | - | - |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | | ARM. CABLE ALU. 3.5C X 120 SQMM |

Table No-2.2

Building wise load survey

Name of Building -Chemical Thechnology

Existing fitting details

| Sr.No | Appliances | Room / Lab wise | | | | | | | | | | |
|-------|-----------------------------------|-----------------|----|----|----|----|----|----|----|----|-----|-----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 |
| | Fan | | | | | | | | | | | |
| 1 | Ceiling Fan | 9 | 7 | 7 | 10 | 13 | 8 | 24 | 22 | 12 | 12 | 14 |
| 2 | Exhaust Fan | | 2 | 3 | 3 | | 7 | 2 | 2 | 2 | 2 | 3 |
| 3 | Bracket Fan | | | | | | | | | | | |
| 4 | Cabin Fan | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |
| | Air Conditioner | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | |
| 2 | Windows A/C (2 Ton) | 4 | | | | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | 4 | | | | | | |
| 4 | Air Conditioner (SS) (2 Ton) | | | 3 | | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | |
| 8 | Air Cooler | | 1 | | 1 | 1 | | | | 1 | 1 | 1 |
| 9 | Other - | | | | | | | | | | | |
| | Lighting | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 20 | 12 | 12 | 12 | 12 | 10 | 31 | 11 | 11 | 8 | 20 |
| 2 | Tube Light 2 x 40 W | | | | | 6 | | | 11 | | 6 | |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | | | | | |
| 7 | CFL INT 5 W | | | | | | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | | | |
| 10 | MH 70 W | | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | | |
| 13 | Other - | | | | | | | | | | | |
| | UPS (in-ph , out-ph) | | | | | | | | | | | |
| 1 | UPS 3 kVA | 1 | | | | | | | | | | |
| 2 | UPS 5 kVA | | | | | | | | | | | |
| 3 | UPS 10 kVA (1 Ph) | | | | | | | | | | | |
| 4 | UPS 10 kVA (3 Ph) | | | | | | | | | | | |
| 5 | UPS 4 KVA | 1 | | | | | | | | | | |
| | Equipments | | | | | | | | | | | |
| 1 | Computer | 51 | | | | 2 | | | | | | |
| 2 | Printer | 3 | | | | 1 | | | | | | |
| 3 | Xerox M/C | | | | | | | | | | | |
| 4 | Air Compressor | | | | | | | | | | | |
| 5 | ASTM Distillation | | | | | | | | | | | |
| 6 | Auto Clave | | | 1 | | | | | | | | |
| 7 | Balance App | | | | | | | | | | | |
| 8 | Ball mill | | | | | | | | 1 | | | |
| 9 | Band saw | | | | | | | | | | 1 | |
| 10 | Bench rilling machine | | | | | | | | | | 1 | |
| 11 | Bernollis theoram Test Ring | | 1 | | | | | | | | | |
| 12 | Buble Cap Distilation | | | | | 1 | | | | | | |

| Table No-2.2 | | | | | | | | | | | | |
|--|---|-----------------|----|----|----|----|----|----|----|----|-----|-----|
| Building wise load survey | | | | | | | | | | | | |
| Name of Building -Chemical Thechnology | | | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | | | |
| Sr.No | Appliances | Room / Lab wise | | | | | | | | | | |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 |
| 13 | C.T. | | | | | | | | | | | |
| 14 | Calandria Evaporator | | | | 1 | | | | | | | |
| 15 | Calorimeter | | | | | | | | | | | |
| 16 | Cascade CSTR | | | | | | 1 | | | | | |
| 17 | Centrifugal pump Test rig | | | | 1 | | | | | | | |
| 18 | Centrifuge | | | | | | | | | | | |
| 19 | Chiller Refi | | | 1 | | | | | | | | |
| 20 | Cloud & Pour Point App | | | | | | | | | | | |
| 21 | Condensation in Drop & film wise | | | | 1 | | | | | | | |
| 22 | Copper Strip Corrosion Test | | | | | | | | | | | |
| 23 | Cross flow System | | | | 1 | | | | | | | |
| 24 | Crutcher for soap | | | | | | | | | 1 | | |
| 25 | Crystaliser | | | | 1 | | | | | | | |
| 26 | CSTR Assembly | | | | | | | | | | | |
| 27 | Cyclone saprator | | | | | | 1 | | | | | |
| 28 | Deep fridge | | | | | | | | | | | |
| 29 | De-non stap | | | | | | | | | | | |
| 30 | Dimmer Stat | | | | | | | | | | | |
| 31 | Disel Engine testing rig | | | | | | | | | | | |
| 32 | Drilling machine | | | | | | | | | | 1 | |
| 33 | Drop wise film wise condensation | | | | | | 1 | | | | | |
| 34 | Electrical heater | | | | | | | | | | | |
| 35 | Electrical Strength App | | | | | | | | | | | |
| 36 | emisivity mesurement App | | | | 1 | | | | | | | |
| 37 | Engler viscometer | | | | | | | | | | | |
| 38 | Fermenter | | | | 1 | | | | | | | |
| 39 | fermenter biostat | | | | 1 | | | | | | | |
| 40 | Flah Point Oparator | | | | | | | | | | | |
| 41 | Flash & fire point | | | | | | | | | 2 | | |
| 42 | Flow & Pressure Control System | | | | | 1 | | | | | | |
| 43 | Fluidized bed dryer | | | | | | 1 | | | | | |
| 44 | Foaming testing App | | | | | | | | | | | |
| 45 | Forced convection app | | | | 1 | | | | | | | |
| 46 | Fridge | | | 1 | | | | | | 1 | | |
| 47 | Froth Floatation Cell | | | | | | 1 | | | | | |
| 48 | Ggarded drilling machine | | | | | | | | | | 1 | |
| 49 | Grinder | | | | | | | | | | 1 | |
| 50 | H.T.Ductility Testing Machine | | | | | | | | | | | |
| 51 | Heat exchanger | | | | 1 | | | | | | | |
| 52 | Heating Mental | | | | | | | | | | | |
| 53 | Hot air oven | | | | | | | | | 1 | | |
| 54 | Humedity controler | | | | | | 1 | | | | | |
| 55 | Ice Making Machine | | | | | | | | | | | |
| 56 | Infra red moisture meer | | | | | | | | | 1 | | |
| 57 | KF Autotitrator | | | | | | | | | | | |
| 58 | Kinematic viscosity App | | | | | | | | | | | |
| 59 | Lab base cracking unit | | | | | | | | | | | |
| 60 | Lab Hydropulper | | | | | | 1 | | | | | |
| 61 | Lab Stirrer | | | | | | | | | | | |
| 62 | Magnetic Stirrer | | | | | | | | | 2 | | |
| 63 | Mass transfer with without chmical reaction | | | | | | 1 | | | | | |
| 64 | Melting Point Appratus | | | | | | | | | | | |
| 65 | Membrane Distilation | | | | 1 | | | | | | | |
| 66 | Microwave | | | | | | | | | | | |

| Table No-2.2 | | | | | | | | | | | | |
|--|-----------------------------------|-----------------|----|----|----|----|----|----|----|----|-----|-----|
| Building wise load survey | | | | | | | | | | | | |
| Name of Building -Chemical Thechnology | | | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | | | |
| Sr.No | Appliances | Room / Lab wise | | | | | | | | | | |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 |
| 67 | Muffel furnace | | | | | | 1 | | | | | |
| 68 | Muffle Furnace | | | | | | | | | | | |
| 69 | Natural conction app | | | | 1 | | | | | | | |
| 70 | OHP | | | | | | | | | | | |
| 71 | OHP | | | | | | | | | 1 | | |
| 72 | Ovan | | | | | | | | | | | |
| 73 | Oven EIE | | | | | | 1 | | | | | |
| 74 | Oxidation stability Testing | | | | | | | | | | | |
| 75 | Pack Belt extract | | | | | | | | | | | |
| 76 | Packed Distilation | | | | 2 | | | | | | | |
| 77 | paint corrossion cabinate | | | | | | | | | 1 | | |
| 78 | Penetrometer | | | | | | | | | | | |
| 79 | pervaporation | | | | 1 | | | | | | | |
| 80 | Petrol Engine testing rig | | | | | | | | | | | |
| 81 | Plant & Frem Press | | | | 2 | | | | | | | |
| 82 | plant type heat exchanger | | | | | | 1 | | | | | |
| 83 | Ploddler soap | | | | | | | | | 1 | | |
| 84 | Plug flow reactor | | | | | | | | | | | |
| 85 | Power saw | | | | | | | | | | 1 | |
| 86 | Powerpoint App | | | | | | | | | | | |
| 87 | Projector | | | | | | | 4 | | | | |
| 88 | Projector | | | | | | | | | | | |
| 89 | Quality Deep Fridge | | 1 | | | | | | | | | |
| 90 | Reactor | | | | | | | | | | | |
| 91 | Rectrangular Water Bath | | | | 1 | | | | | | | |
| 92 | Refractrometer | | | | | | | | | | | |
| 93 | Reid Vapour Pressure | | | | | | | | | | | |
| 94 | RO Plant | | | | 1 | | | | | | | |
| 95 | Rolling Stability Testing | | | | | | | | | | | |
| 96 | Sieve Plate Distillation | | | | | | | | | | | |
| 97 | Stefan boltzman app | | | | 1 | | | | | | | |
| 98 | Sturrer | | | | | | | | | | | |
| 99 | Surface cleaner | | | | | | | | | | 1 | |
| 100 | Tempo Ovan | | | | | | | | | | | |
| 101 | Tempreture & Level control System | | | | | 1 | | | | | | |
| 102 | Tempreture controler Traniner | | | | 1 | | | | | | | |
| 103 | Testing Centrifuge | | | | | | | | | | | |
| 104 | Thermal conductivity | | | | 1 | | | | | | | |
| 105 | Thicknner | | | | 1 | | | | | | | |
| 106 | TW leath | | | | | | | | | | 1 | |
| 107 | Ultra Filtration | | | | | | | | | | | |
| 108 | Ultrasonic flow Meter | | | | | | | | | | | |
| 109 | universal testing machine | | | | | | | | | | 1 | |
| 110 | vacuum | | | | | | | | | | | |
| 111 | Vapour in air diffusion app | | | | | | 1 | | | | | |
| 112 | Viscometer | | | | | | | | | | | |
| 113 | Water Bath | | | 2 | | | | | | | | |
| 114 | Water cooling Tower | | | | | 1 | | | | | | |
| 115 | Water Cooling System | | | | | | | | | | | |
| 116 | Water spray tester | | | | | | | | | | | |
| 117 | water washout | | | | | | | | | | | |
| 118 | Welding machine | | | | | | | | | | 1 | |
| 119 | York scheible extration | | | | | | | | | | | |
| | Other Units | | | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | | | |

Table No-2.2**Building wise load survey****Name of Building -Chemical Thechnology****Existing fitting details**

| Sr.No | Appliances | Room / Lab wise | | | | | | | | | | |
|-------|--------------|-----------------|----|----|----|----|----|----|----|----|-----|-----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 |
| 2 | Motor (3Ph) | | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | | |
| 4 | Water Cooler | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |

| Table No-2.2 | | | | | | | | | | |
|--|-----------------------------------|----------|-----|-----|-----|-----|-----|-----|-----|-------|
| Building wise load survey | | | | | | | | | | |
| Name of Building -Chemical Thechnology | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | |
| Sr.No | Appliances | Quantity | | | | | | | | |
| | | R12 | R13 | R14 | R15 | R16 | R17 | R18 | R19 | Total |
| | Fan | | | | | | | | | 0 |
| 1 | Ceiling Fan | 12 | 10 | 14 | 12 | | | 2 | | 188 |
| 2 | Exhaust Fan | 2 | 2 | 2 | 2 | | | | 5 | 39 |
| 3 | Bracket Fan | | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | | 4 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | | 4 |
| 4 | Air Conditioner (SS) (2 Ton) | 1 | | | | | | | | 4 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | 0 |
| 8 | Air Cooler | | 1 | | | | | | | 7 |
| 9 | Other - | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | Lighting | | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 14 | 11 | 10 | 12 | | | 31 | 1 | 238 |
| 2 | Tube Light 2 x 40 W | | | 9 | | | | | | 32 |
| 3 | CFL DL 1 x 11 W | | | | | | | | 2 | 2 |
| 4 | CFL DL 2 x 11 W | | | | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | | 4 | | 4 |
| 10 | MH 70 W | | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | | 0 |
| 13 | Other - | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | | 0 |
| 1 | UPS 3 kVA | | | | | | | | | 1 |
| 2 | UPS 5 kVA | | | | | | | | | 0 |
| 3 | UPS 10 kVA (1 Ph) | | | | | | | | | 0 |
| 4 | UPS 10 kVA (3 Ph) | | | | | | | | | 0 |
| 5 | UPS 4 KVA | | | | | | | | | 1 |
| | | | | | | | | | | 0 |
| | Equipments | | | | | | | | | 0 |
| 1 | Computer | 1 | | | | | | | | 54 |
| 2 | Printer | 1 | | | | | | | | 5 |
| 3 | Xerox M/C | | | | | | | | | 0 |
| 4 | Air Compressor | | | | 2 | | | | | 2 |
| 5 | ASTM Distillation | | 1 | | 1 | | | | | 2 |
| 6 | Auto Clave | | | | | | | | | 1 |
| 7 | Balance App | | | | 1 | | | | | 1 |
| 8 | Ball mill | | | | | | | | | 1 |
| 9 | Band saw | | | | | | | | | 1 |
| 10 | Bench rilling machine | | | | | | | | | 1 |
| 11 | Bernollis theoram Test Ring | | | | | | | | | 1 |
| 12 | Buble Cap Distilation | | | | | | | | | 1 |

| Table No-2.2 | | | | | | | | | | |
|--|---|----------|-----|-----|-----|-----|-----|-----|-----|-------|
| Building wise load survey | | | | | | | | | | |
| Name of Building -Chemical Thechnology | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | |
| Sr.No | Appliances | Quantity | | | | | | | | |
| | | R12 | R13 | R14 | R15 | R16 | R17 | R18 | R19 | Total |
| 13 | C.T. | | | | 1 | | | | | 1 |
| 14 | Calandria Evaporator | | | | | | | | | 1 |
| 15 | Calorimeter | | | | 1 | | | | | 1 |
| 16 | Cascade CSTR | | | | | | | | | 1 |
| 17 | Centrifugal pump Test rig | | | | | | | | | 1 |
| 18 | Centrifuge | | 1 | | | | | | | 1 |
| 19 | Chiller Refi | | | | | | | | | 1 |
| 20 | Cloud & Pour Point App | | 1 | | | | | | | 1 |
| 21 | Condensation in Drop & film wise | | | | | | | | | 1 |
| 22 | Copper Strip Corrosion Test | | 1 | | | | | | | 1 |
| 23 | Cross flow System | | | | | | | | | 1 |
| 24 | Crutcher for soap | | | | | | | | | 1 |
| 25 | Crystaliser | | | | | | | | | 1 |
| 26 | CSTR Assembly | | | | 1 | | | | | 1 |
| 27 | Cyclone saprator | | | | | | | | | 1 |
| 28 | Deep fridge | | | | 1 | | | | | 1 |
| 29 | De-non stap | | | | 1 | | | | | 1 |
| 30 | Dimmer Stat | | | | 4 | | | | | 4 |
| 31 | Disel Engine testing rig | | | | 1 | | | | | 1 |
| 32 | Drilling machine | | | | | | | | | 1 |
| 33 | Drop wise film wise condensation | | | | | | | | | 1 |
| 34 | Electrical heater | | | | 2 | | | | | 2 |
| 35 | Electrical Strength App | | | | 1 | | | | | 1 |
| 36 | emisivity mesurement App | | | | | | | | | 1 |
| 37 | Engler viscometer | | 2 | | | | | | | 2 |
| 38 | Fermenter | | | | | | | | | 1 |
| 39 | fermenter biostat | | | | | | | | | 1 |
| 40 | Flah Point Oparator | | 2 | | | | | | | 2 |
| 41 | Flash & fire point | | | | | | | | | 2 |
| 42 | Flow & Pressure Control System | | | | | | | | | 1 |
| 43 | Fluidized bed dryer | | | | | | | | | 1 |
| 44 | Foaming testing App | | 4 | | | | | | | 4 |
| 45 | Forced convection app | | | | | | | | | 1 |
| 46 | Fridge | 2 | 1 | | | | | | | 5 |
| 47 | Froth Floatation Cell | | | | | | | | | 1 |
| 48 | Ggarded drilling machine | | | | | | | | | 1 |
| 49 | Grinder | | | | | | | | | 1 |
| 50 | H.T.Ductility Testing Machine | | 1 | | | | | | | 1 |
| 51 | Heat exchanger | | | | | | | | | 1 |
| 52 | Heating Mental | | | | 6 | | | | | 6 |
| 53 | Hot air oven | | | | | | | | | 1 |
| 54 | Humedity controler | | | | | | | | | 1 |
| 55 | Ice Making Machine | | | | 1 | | | | | 1 |
| 56 | Infra red moisture meer | | | | | | | | | 1 |
| 57 | KF Autotitrator | | | | 1 | | | | | 1 |
| 58 | Kinematic viscosity App | | 1 | | | | | | | 1 |
| 59 | Lab base cracking unit | | | | 1 | | | | | 1 |
| 60 | Lab Hydropulper | | | | | | | | | 1 |
| 61 | Lab Stirrer | | | | 3 | | | | | 3 |
| 62 | Magnetic Stirrer | | | | | | | | | 2 |
| 63 | Mass transfer with without chmical reaction | | | | | | | | | 1 |
| 64 | Melting Point Appratus | | 1 | | | | | | | 1 |
| 65 | Membrane Distilation | | | | | | | | | 1 |
| 66 | Microwave | | | | 1 | | | | | 1 |

| Table No-2.2 | | | | | | | | | | |
|--|-----------------------------------|----------|-----|-----|-----|-----|-----|-----|-----|-------|
| Building wise load survey | | | | | | | | | | |
| Name of Building -Chemical Thechnology | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | |
| Sr.No | Appliances | Quantity | | | | | | | | |
| | | R12 | R13 | R14 | R15 | R16 | R17 | R18 | R19 | Total |
| 67 | Muffel furnace | | | | | | | | | 1 |
| 68 | Muffle Furnace | | | | 1 | | | | | 1 |
| 69 | Natural conction app | | | | | | | | | 1 |
| 70 | OHP | | | | 1 | | | | | 1 |
| 71 | OHP | | | | | | | | | 1 |
| 72 | Ovan | | 1 | | 1 | | | | | 2 |
| 73 | Oven EIE | | | | | | | | | 1 |
| 74 | Oxidation stabality Testing | | | | 1 | | | | | 1 |
| 75 | Pack Belt extract | | | | 1 | | | | | 1 |
| 76 | Packed Distilation | | | | | | | | | 2 |
| 77 | paint corrossion cabinate | | | | | | | | | 1 |
| 78 | Penetrometer | | 1 | | | | | | | 1 |
| 79 | pervaporation | | | | | | | | | 1 |
| 80 | Petrol Engine testing rig | | | | 1 | | | | | 1 |
| 81 | Plant & Frem Press | | | | | | | | | 2 |
| 82 | plant type heat exchanger | | | | | | | | | 1 |
| 83 | Ploddler soap | | | | | | | | | 1 |
| 84 | Plug flow reactor | | | | 1 | | | | | 1 |
| 85 | Power saw | | | | | | | | | 1 |
| 86 | Powerpoint App | | | | 1 | | | | | 1 |
| 87 | Projector | | | | | | | | | 4 |
| 88 | Projector | | | | | | | | | 0 |
| 89 | Quality Deep Fridge | | | | | | | | | 1 |
| 90 | Reactor | | | | 1 | | | | | 1 |
| 91 | Rectrangular Water Bath | | | | | | | | | 1 |
| 92 | Refractrometer | | | | 1 | | | | | 1 |
| 93 | Reid Vapour Pressure | | | | 1 | | | | | 1 |
| 94 | RO Plant | | | | | | | | | 1 |
| 95 | Rolling Stability Testing | | 1 | | | | | | | 1 |
| 96 | Sieve Plate Distillation | | | | 1 | | | | | 1 |
| 97 | Stefan boltzman app | | | | | | | | | 1 |
| 98 | Sturrer | | 3 | | | | | | | 3 |
| 99 | Surface cleaner | | | | | | | | | 1 |
| 100 | Tempo Ovan | | 1 | | | | | | | 1 |
| 101 | Tempreture & Level control System | | | | | | | | | 1 |
| 102 | Tempreture controler Traniner | | | | | | | | | 1 |
| 103 | Testing Centrifuge | | | | 1 | | | | | 1 |
| 104 | Thermal conductivity | | | | | | | | | 1 |
| 105 | Thicknner | | | | | | | | | 1 |
| 106 | TW leath | | | | | | | | | 1 |
| 107 | Ultra Filtration | | | | 1 | | | | | 1 |
| 108 | Ultrasonic flow Meter | | | | 1 | | | | | 1 |
| 109 | universal testing machine | | | | | | | | | 1 |
| 110 | vacuum | | | | 2 | | | | | 2 |
| 111 | Vapour in air diffusion app | | | | | | | | | 1 |
| 112 | Viscometer | | 1 | | 1 | | | | | 2 |
| 113 | Water Bath | | | | | | | | | 2 |
| 114 | Water cooling Tower | | | | | | | | | 1 |
| 115 | Water Cooling System | | | | 1 | | | | | 1 |
| 116 | Water spray tester | | 1 | | | | | | | 1 |
| 117 | water washout | | 1 | | | | | | | 1 |
| 118 | Welding machine | | | | | | | | | 1 |
| 119 | York scheible extration | | | | 1 | | | | | 1 |
| | Other Units | | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | | 0 |

| Table No-2.2 | | | | | | | | | | |
|--|--------------|----------|-----|-----|-----|-----|-----|-----|-----|-------|
| Building wise load survey | | | | | | | | | | |
| Name of Building -Chemical Thechnology | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | |
| Sr.No | Appliances | Quantity | | | | | | | | |
| | | R12 | R13 | R14 | R15 | R16 | R17 | R18 | R19 | Total |
| 2 | Motor (3Ph) | | | | | | | | | 0 |
| 3 | Gyser | | | | | | | | | 0 |
| 4 | Water Cooler | | | | | | | 5 | | 5 |
| 5 | Other - | | | | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--------------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | chemistry building | |
| Name of Depett - | | chemistry building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 78.24 |
| 2 | Maximum Demand - | KVA (peak) | 8.9 |
| 3 | Power factor - | Nos. | 0.957 |
| 4 | Full load currunt - | AMP | 13.217 |
| 5 | Voltage at full load - | Volt | 387 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1k-093063 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 70 SQMM |

Table No-2.2

Building wise load survey

Name of Building - Chemistry Building

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | |
|--------|-----------------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 |
| | Fan | | | | | | | | | | | |
| 1 | Ceiling Fan | 8 | 5 | 2 | 2 | 5 | 4 | 2 | 6 | 12 | 12 | 2 |
| 2 | Exhaust Fan | | 2 | 1 | 1 | 1 | | | 2 | 6 | 2 | |
| 3 | Bracket Fan | | | | | | | | | | | |
| 4 | Cabin Fan | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |
| | Air Conditioner | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | 2 | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | 1 | | | 1 | | | | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | |
| 8 | Air Cooler | | | | | | | | | | | |
| 9 | Other - | | | | | | | | | | | |
| | Lighting | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 12 | 8 | 3 | 3 | 8 | 5 | 2 | 13 | | | 4 |
| 2 | Tube Light 1 x 36 W | | | | | | | | | 16 | 16 | 5 |
| 3 | CFL PL 1 x 5W | | | | | | | | | | | |
| 4 | CFL PL 2 x 11 W | | | | | | | | | | | 7 |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | | | | | |
| 7 | CFL INT 5 W | | | | | | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | |
| 9 | MH 125 W | | | | | | | | | | | 1 |
| 10 | MH 70 W | | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | | |
| 13 | Bulb 1x60W | | 2 | | | | | | | | | |
| | UPS (in-ph , out-ph) | | | | | | | | | | | |
| | UPS 3 kVA | | | | | | | | | | | |
| 1 | UPS 5 kVA | | | | | | | | | | | 1 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | |
| 4 | UPS 1KVA | | 1 | | | | | | | | | |
| | Equipments | | | | | | | | | | | |
| 1 | Computer | 1 | 1 | 5 | 2 | 10 | 5 | 1 | | 1 | | |
| 2 | Printer | | | 1 | 1 | 2 | 1 | 1 | | | | |
| 3 | Xerox M/C | | | | | | 1 | | | | | |
| 4 | Scanner | | | | | | | | | | | |
| 5 | Projector | 1 | | | | | | | | 1 | 2 | |
| 6 | Cooling Incubator | 1 | | | | | | | | | 1 | |
| 7 | Distilled Water Plant | 1 | | | | | | | | | | |
| 8 | Laboratory Oven | | 1 | | | | | | | | | |
| 9 | Melting Plate Apparatus | | 1 | | | | | | | | | |
| 10 | Heating Mental | | 1 | | | | | | | | | |
| 11 | Magnetic Stirrer | | 3 | | | | | | | | | |
| 12 | Roteva | | 3 | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Chemistry Building

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | |
|--------|--------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 |
| 13 | Oil bath | | 2 | | | | | | | | | |
| 14 | hot plate | | 1 | | | | | | | | | |
| 15 | Uv cabinet | | 1 | | | | | | | | | |
| 16 | Suction Pump | | 1 | | | | | | 1 | 1 | | |
| 17 | Scientific microwave | | 1 | | | | | | | | 1 | |
| 18 | Chilled water circulator | | 2 | | | | | | | | | |
| 19 | Vaccum pump | | 2 | | | | | | | | | |
| 20 | Air Vaccum Pump | | 1 | | | | | | | | | |
| 21 | UV Spectrophotometer | | | 2 | | | | | | | | |
| 22 | Magnetic Suseptibility | | | 1 | | | | | | | | |
| 23 | Gas Liquid chromatograph | | | 1 | | | | | | | | |
| 24 | FT- IR Spectrometer | | | 1 | | | | | | | | |
| 25 | Polytronic power Supply | | | 1 | | | | | | | | |
| 26 | Computer UPS | | | 1 | 1 | | | | | | | |
| 27 | Server | | | | | 1 | | | | | | |
| 28 | Ice Machine | | | | | 1 | | | | | 1 | |
| 29 | Double Distiller | | | | | 1 | | | | | | |
| 30 | Muffle Furnace | | | | | 2 | | | | | | |
| 31 | Fridge | | 1 | | | | 1 | 1 | | | | |
| 32 | Back Ups | | | | | | 1 | | | | | |
| 33 | Hot Air Oven | | | | | | | | 1 | 1 | | |
| 34 | Multi chamber Water Bath | | | | | | | | 1 | 1 | | |
| 35 | Water Bath Shakar | | | | | | | | | 1 | | |
| 36 | Water Bath | | | | | | | | | | 2 | |
| 37 | Tempreture controller | | | | | | | | | | 1 | |
| | Other Units | | | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | | |
| 4 | Water Cooler | | | | | | | | | | | 1 |
| 5 | Other - | | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Chemistry Building

Existing fitting details

| Sr. No | Appliances | | |
|--------|-----------------------------------|-----|-------|
| | | R12 | Total |
| | Fan | | |
| 1 | Ceiling Fan | | 60 |
| 2 | Exhaust Fan | 4 | 19 |
| 3 | Bracket Fan | | 0 |
| 4 | Cabin Fan | | 0 |
| 5 | Other - | | 0 |
| | | | 0 |
| | Air Conditioner | | 0 |
| 1 | Windows A/C (1.5 Ton) | | 2 |
| 2 | Windows A/C (2 Ton) | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | 2 |
| 4 | Air Conditioner (MS) (3 Ton) | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | 0 |
| 8 | Air Cooler | | 0 |
| 9 | Other - | | 0 |
| | | | 0 |
| | Lighting | | 0 |
| 1 | Tube Light 1 x 40 W | 4 | 62 |
| 2 | Tube Light 1 x 36 W | | 37 |
| 3 | CFL PL 1 x 5W | 4 | 4 |
| 4 | CFL PL 2 x 11 W | | 7 |
| 5 | CFL DL 2 x 36 W | | 0 |
| 6 | CFL INT 11 W | | 0 |
| 7 | CFL INT 5 W | | 0 |
| 8 | CFL SL 1x 36 W | | 0 |
| 9 | MH 125 W | | 1 |
| 10 | MH 70 W | | 0 |
| 11 | MH 150 W | | 0 |
| 12 | MH 250 W | | 0 |
| 13 | Bulb 1x60W | 6 | 8 |
| | | | 0 |
| | UPS (in-ph , out-ph) | | 0 |
| | UPS 3 kVA | | 0 |
| 1 | UPS 5 kVA | | 1 |
| 2 | UPS 10 kVA (1 Ph) | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | 0 |
| 4 | UPS 1KVA | | 1 |
| | | | 0 |
| | Equipments | | 0 |
| 1 | Computer | | 26 |
| 2 | Printer | | 6 |
| 3 | Xerox M/C | | 1 |
| 4 | Scanner | | 0 |
| 5 | Projector | | 4 |
| 6 | Cooling Incubator | | 2 |
| 7 | Distilled Water Plant | | 1 |
| 8 | Laboratory Oven | | 1 |
| 9 | Melting Plate Apparatus | | 1 |
| 10 | Heating Mental | | 1 |
| 11 | Magnetic Stirrer | | 3 |
| 12 | Roteva | | 3 |

Table No-2.2

Building wise load survey

Name of Building - Chemistry Building

Existing fitting details

| Sr. No | Appliances | | |
|--------|--------------------------|-----|-------|
| | | R12 | Total |
| 13 | Oil bath | | 2 |
| 14 | hot plate | | 1 |
| 15 | Uv cabinet | | 1 |
| 16 | Suction Pump | | 3 |
| 17 | Scientific microwave | | 2 |
| 18 | Chilled water circulator | | 2 |
| 19 | Vaccum pump | | 2 |
| 20 | Air Vaccum Pump | | 1 |
| 21 | UV Spectrophotometer | | 2 |
| 22 | Magnetic Suseptibility | | 1 |
| 23 | Gas Liquid chromatograph | | 1 |
| 24 | FT- IR Spectrometer | | 1 |
| 25 | Polytronic power Supply | | 1 |
| 26 | Computer UPS | | 2 |
| 27 | Server | | 1 |
| 28 | Ice Machine | | 2 |
| 29 | Double Distiller | | 1 |
| 30 | Muffle Furnace | | 2 |
| 31 | Fridge | | 3 |
| 32 | Back Ups | | 1 |
| 33 | Hot Air Oven | | 2 |
| 34 | Multi chamber Water Bath | | 2 |
| 35 | Water Bath Shakar | | 1 |
| 36 | Water Bath | | 2 |
| 37 | Tempreture controller | | 1 |
| | Other Units | | 0 |
| 1 | Motor (1Ph) | | 0 |
| 2 | Motor (3Ph) | 1 | 1 |
| 3 | Gyser | | 0 |
| 4 | Water Cooler | | 1 |
| 5 | Other - | | 0 |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|-----------------------------|---------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Class IV Qtr Girls hostel 1 | |
| Name of Depett - | | Class IV Qtr Girls hostel 1 | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 1 |
| 2 | Maximum Demand - | KVA (peak) | 0.41 |
| 3 | Power factor - | Nos. | 0.870 |
| 4 | Full load currunt - | AMP | 2 |
| 5 | Voltage at full load - | Volt | 231 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 922 |
| | | | - |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| | | | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 0 |
| | | | 0 |
| 10 | Incoming cable size - | - | 0 |
| | | - | 0 |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|-----------------------------|---------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Class IV Qtr Girls hostel 1 | |
| Name of Depett - | | Class IV Qtr Girls hostel 1 | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.30 |
| 2 | Maximum Demand - | KVA (peak) | 0.21 |
| 3 | Power factor - | Nos. | 0.87 |
| 4 | Full load currunt - | AMP | 0.89 |
| 5 | Voltage at full load - | Volt | 231.00 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 922 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Multiplying factor - | Nos. | |
| 10 | Incoming cable size - | - | |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|-----------------------------|---------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Class IV Qtr Girls hostel 2 | |
| Name of Depett - | | Class IV Qtr Girls hostel 2 | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.30 |
| 2 | Maximum Demand - | KVA (peak) | 0.21 |
| 3 | Power factor - | Nos. | 0.87 |
| 4 | Full load currunt - | AMP | 0.89 |
| 5 | Voltage at full load - | Volt | 231.00 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | - |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Multiplying factor - | Nos. | |
| 10 | Incoming cable size - | - | |

| Table No-2.2 | | | | | | | |
|------------------------------|------------------------------------|--------------------------|----|-----------------------------|----|----|-------|
| Building wise load survey | | | | | | | |
| Name of Building - | | | | Class IV Qtr Girls hostel 1 | | | |
| Existing fitting details | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | |
| | | R1 | R2 | R3 | R4 | R5 | Total |
| Fan | | | | | | | |
| 1 | Ceiling Fan | 2 | | | | | 2 |
| 2 | Exhaust Fan | | | | | | 0 |
| 3 | Bracket Fan | | | | | | 0 |
| 4 | Cabin Fan | | | | | | 0 |
| 5 | Other - | | | | | | 0 |
| Air Conditioner | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | 0 |
| 2 | Windows A/C (1 Ton) | | | | | | 0 |
| 3 | Air Conditioner (SS) (1 Ton) | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | 0 |
| 7 | Air Conditioner (Cassette) (2 Ton) | | | | | | 0 |
| 8 | Air Cooler | | | | | | 0 |
| 9 | Other - | | | | | | 0 |
| Lighting | | | | | | | |
| 1 | Tube Light 1 x 40 W | 4 | | | | | 4 |
| 2 | Tube Light 2 x 40 W | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | | 0 |
| 4 | CFL DL 1 x 18 W | | | | | | 0 |
| 5 | CFL DL 1 x 36 W | | | | | | 0 |
| 6 | LED INT 5 W | | | | | | 0 |
| 7 | CFL INT 60 W | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | 0 |
| 9 | MV 125 W | | | | | | 0 |
| 10 | MH 70 W | | | | | | 0 |
| 11 | MH 150 W | | | | | | 0 |
| 12 | MH 250 W | | | | | | 0 |
| 13 | Other - Bulb 1 x 15 W | 1 | | | | | 1 |
| UPS (in-ph , out-ph) | | | | | | | |
| 1 | UPS 1 kVA | | | | | | 0 |
| 2 | UPS 5 kVA | | | | | | 0 |
| 3 | UPS 10 kVA (1 Ph) | | | | | | 0 |
| 4 | UPS 10 kVA (3 Ph) | | | | | | 0 |
| 5 | Other - | | | | | | 0 |
| Equipments | | | | | | | |
| 1 | Computer | | | | | | 0 |
| 2 | Printer | | | | | | 0 |
| Other Units | | | | | | | |
| 1 | Motor (1Ph) | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | 0 |
| 3 | Geyser | | | | | | 0 |
| 4 | Water Cooler | | | | | | 0 |
| 5 | Other - | | | | | | 0 |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|------------------------------|-----------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Class IV Qtr Orange garden 1 | |
| Name of Depett - | | Class IV Qtr Orange garden 1 | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0 |
| 2 | Maximum Demand - | KVA (peak) | 0.30 |
| 3 | Power factor - | Nos. | 0.860 |
| 4 | Full load currunt - | AMP | 1 |
| 5 | Voltage at full load - | Volt | 221 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 94995 |
| | | | 924 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| | | | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| | | | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 10 SQMM |
| | | - | ARM. CABLE ALU. 3.5C X 10 SQMM |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|------------------------------|-----------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Class IV Qtr Orange garden 1 | |
| Name of Depett - | | Class IV Qtr Orange garden 1 | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.25 |
| 2 | Maximum Demand - | KVA (peak) | 0.17 |
| 3 | Power factor - | Nos. | 0.86 |
| 4 | Full load currunt - | AMP | 0.78 |
| 5 | Voltage at full load - | Volt | 221 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 94995 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Multiplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 10 SQMM |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|------------------------------|-----------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Class IV Qtr Orange garden 2 | |
| Name of Depett - | | Class IV Qtr Orange garden 2 | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.25 |
| 2 | Maximum Demand - | KVA (peak) | 0.13 |
| 3 | Power factor - | Nos. | 0.86 |
| 4 | Full load currunt - | AMP | 0.56 |
| 5 | Voltage at full load - | Volt | 221 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 924 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Multiplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 10 SQMM |

| Table No-2.2 | | | | | | | |
|------------------------------|------------------------------------|--------------------------|----|------------------------------|----|----|-------|
| Building wise load survey | | | | | | | |
| Name of Building - | | | | Class IV Qtr Orange garden 1 | | | |
| Existing fitting details | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | |
| | | R1 | R2 | R3 | R4 | R5 | Total |
| Fan | | | | | | | |
| 1 | Ceiling Fan | 2 | | | | | 2 |
| 2 | Exhaust Fan | | | | | | 0 |
| 3 | Bracket Fan | | | | | | 0 |
| 4 | Cabin Fan | | | | | | 0 |
| 5 | Other - | | | | | | 0 |
| Air Conditioner | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | 0 |
| 2 | Windows A/C (1 Ton) | | | | | | 0 |
| 3 | Air Conditioner (SS) (1 Ton) | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | 0 |
| 7 | Air Conditioner (Cassette) (2 Ton) | | | | | | 0 |
| 8 | Air Cooler | | | | | | 0 |
| 9 | Other - | | | | | | 0 |
| Lighting | | | | | | | |
| 1 | Tube Light 1 x 40 W | 2 | | | | | 2 |
| 2 | Tube Light 2 x 40 W | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | | 0 |
| 4 | CFL DL 1 x 18 W | | | | | | 0 |
| 5 | CFL DL 1 x 36 W | | | | | | 0 |
| 6 | LED INT 5 W | | | | | | 0 |
| 7 | CFL INT 60 W | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | 0 |
| 9 | MV 125 W | | | | | | 0 |
| 10 | MH 70 W | | | | | | 0 |
| 11 | MH 150 W | | | | | | 0 |
| 12 | MH 250 W | | | | | | 0 |
| 13 | Other - Bulb 1 x 15 W | 3 | | | | | 3 |
| UPS (in-ph , out-ph) | | | | | | | |
| 1 | UPS 1 kVA | | | | | | 0 |
| 2 | UPS 5 kVA | | | | | | 0 |
| 3 | UPS 10 kVA (1 Ph) | | | | | | 0 |
| 4 | UPS 10 kVA (3 Ph) | | | | | | 0 |
| 5 | Other - | | | | | | 0 |
| Equipments | | | | | | | |
| 1 | Computer | | | | | | 0 |
| 2 | Printer | | | | | | 0 |
| 3 | Xerox M/C | | | | | | 0 |
| 4 | Scanner | | | | | | 0 |
| Other Units | | | | | | | |
| 1 | Motor (1Ph) | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | 0 |
| 3 | Geyser | | | | | | 0 |
| 4 | Water Cooler | | | | | | 0 |
| 5 | Other - | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-------------------------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Class IV Qtr SC Boys Hostel 1 | |
| Name of Depett - | | Class IV Qtr SC Boys Hostel 1 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 2 |
| 2 | Maximum Demand - | KVA (peak) | 1.26 |
| 3 | Power factor - | Nos. | 0.760 |
| 4 | Full load currunt - | AMP | 6 |
| 5 | Voltage at full load - | Volt | 221 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 111134 |
| | | - | 2052 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| | | - | Meter is old. Needs replacement |
| 9 | Muliptying factor - | Nos. | 1 |
| | | - | 1 |
| 10 | Incoming cable size - | - | ALU. 2C X 10 SQMM |
| | | - | ALU. 2C X 10 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-------------------------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Class IV Qtr SC Boys Hostel 1 | |
| Name of Depett - | | Class IV Qtr SC Boys Hostel 1 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.90 |
| 2 | Maximum Demand - | KVA (peak) | 0.63 |
| 3 | Power factor - | Nos. | 0.76 |
| 4 | Full load currunt - | AMP | 2.85 |
| 5 | Voltage at full load - | Volt | 221 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 111134 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliptying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ALU. 2C X 10 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-------------------------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Class IV Qtr SC Boys Hostel 2 | |
| Name of Depett - | | Class IV Qtr SC Boys Hostel 2 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.90 |
| 2 | Maximum Demand - | KVA (peak) | 0.63 |
| 3 | Power factor - | Nos. | 0.76 |
| 4 | Full load currunt - | AMP | 2.85 |
| 5 | Voltage at full load - | Volt | 221 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 2052 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ALU. 2C X 10 SQMM |

| Table No-2.2 | | | |
|----------------------------------|-----------------------------------|---------------------|-------|
| Building wise load survey | | | |
| Name of Building - Boys Hostel 2 | | | |
| Existing fitting details | | | |
| Sr. No | Appliances | Outer quarter 1 & 2 | Total |
| | Fan | | 0 |
| 1 | Ceiling Fan | 2 | 2 |
| 2 | Exhaust Fan | 2 | 2 |
| 3 | Bracket Fan | | 0 |
| 4 | Cabin Fan | | 0 |
| 5 | Other - | | 0 |
| | | | 0 |
| | Air Conditioner | | 0 |
| 1 | Windows A/C (1.5 Ton) | | 0 |
| 2 | Windows A/C (2 Ton) | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | 0 |
| 8 | Air Cooler | | 0 |
| 9 | Other - | | 0 |
| | | | 0 |
| | Lighting | | 0 |
| 1 | Tube Light 1 x 40 W | 2 | 2 |
| 2 | Tube Light 2 x 40 W | | 0 |
| 3 | CFL DL 1 x 18 W | | 0 |
| 4 | CFL DL 1 x 11 W | | 0 |
| 5 | CFL PL 1 x 36 W | | 0 |
| 6 | CFL PL 1 x 11 W | | 0 |
| 7 | CFL INT 5 W | 4 | 4 |
| 8 | CFL SL 1x 36 W | | 0 |
| 9 | MV 125 W | | 0 |
| 10 | MH 70 W | | 0 |
| 11 | MH 150 W | | 0 |
| 12 | MH 250 W | | 0 |
| 13 | Bulb 1 x 60 W | 8 | 8 |
| 14 | Moon Light 1 x 15 W | | 0 |
| | | | 0 |
| | UPS (in-ph , out-ph) | | 0 |
| | UPS 3 kVA | | 0 |
| 1 | UPS 5 kVA | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | 0 |
| 4 | Other - | | 0 |
| | | | 0 |
| | Equipments | | 0 |
| 1 | Computer | | 0 |
| 2 | Printer | | 0 |
| 3 | Xerox M/C | | 0 |
| 4 | Scanner | | 0 |
| | Other Units | | 0 |
| 1 | Motor (1Ph) | | 0 |
| 2 | Motor (3Ph) | | 0 |
| 3 | Gyser | | 0 |
| 4 | Water Cooler | | 0 |
| | | | 0 |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|----------------|---------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Girls Hostel 2 | |
| Name of Depett - | | Girls Hostel 2 | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 29 |
| 2 | Maximum Demand - | KVA (peak) | 9.00 |
| 3 | Power factor - | Nos. | 0.837 |
| 4 | Full load currunt - | AMP | 25 |
| 5 | Voltage at full load - | Volt | 288 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 211013 |
| | | | 1H 2688250 |
| | | | - |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| | | | OK |
| | | | Meter Not available |
| 9 | Muliptying factor - | Nos. | 1 |
| | | | 1 |
| | | | 0 |
| 10 | Incoming cable size - | - | ARM. CABLE. ALU. 2C X 10 SQMM |
| | | | ARM. CABLE. ALU. 2C X 10 SQMM |
| | | - | ARM. CABLE. ALU. 2C X 10 SQMM |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|----------------|---------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Girls Hostel 2 | |
| Name of Depett - | | Girls Hostel 2 | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 26.84 |
| 2 | Maximum Demand - | KVA (peak) | 7.90 |
| 3 | Power factor - | Nos. | 0.75 |
| 4 | Full load currunt - | AMP | 19.85 |
| 5 | Voltage at full load - | Volt | 398.00 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 211013 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Multiptying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE. ALU. 2C X 10 SQMM |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|----------------|----------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Girls Hostel 2 | |
| Name of Depett - | | Girls Hostel 2 | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 1.54 |
| 2 | Maximum Demand - | KVA (peak) | 0.77 |
| 3 | Power factor - | Nos. | 0.88 |
| 4 | Full load currunt - | AMP | 3.30 |
| 5 | Voltage at full load - | Volt | 233.00 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1H 2688250 |
| 8 | Energy meter test result - | - | OK |
| 9 | Multiplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE. ALU. 2C X 10 SQMM |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|---------------------------------|----------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Guest room of girls hostel No-2 | |
| Name of Depett - | | Guest room of girls hostel No-2 | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.66 |
| 2 | Maximum Demand - | KVA (peak) | 0.33 |
| 3 | Power factor - | Nos. | 0.88 |
| 4 | Full load currunt - | AMP | 1.41 |
| 5 | Voltage at full load - | Volt | 234.00 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | - |
| 8 | Energy meter test result - | - | Meter Not available |
| 9 | Multiplying factor - | Nos. | |
| 10 | Incoming cable size - | - | ARM. CABLE. ALU. 2C X 10 SQMM |

| Table No-2.2 | | | | |
|-----------------------------------|-----------------------------------|----------------------------|-----------------|-------|
| Building wise load survey | | | | |
| Name of Building - Girls Hostel 2 | | | | |
| Existing fitting details | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | |
| | | Security Room & guest Room | Class IV Qtr SC | Total |
| | Fan | | | 0 |
| 1 | Ceiling Fan | 2 | 2 | 4 |
| 2 | Exhaust Fan | 1 | 1 | 2 |
| 3 | Bracket Fan | | | 0 |
| 4 | Cabin Fan | | | 0 |
| 5 | Other - | | | 0 |
| | | | | 0 |
| | Air Conditioner | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | 0 |
| 2 | Windows A/C (2 Ton) | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | 0 |
| 8 | Air Cooler | | 2 | 2 |
| 9 | Other - | | | 0 |
| | | | | 0 |
| | Lighting | | | 0 |
| 1 | Tube Light 1 x 40 W | 2 | 2 | 4 |
| 2 | Tube Light 2 x 40 W | | | 0 |
| 3 | CFL DL 1 x 11 W | | | 0 |
| 4 | CFL DL 2 x 11 W | | | 0 |
| 5 | CFL DL 2 x 36 W | | | 0 |
| 6 | CFL INT 11 W | | | 0 |
| 7 | CFL INT 5 W | | | 0 |
| 8 | CFL SL 1x 36 W | | | 0 |
| 9 | MV 125 W | | | 0 |
| 10 | MH 70 W | | | 0 |
| 11 | MH 150 W | | | 0 |
| 12 | MH 250 W | | | 0 |
| 13 | Tube Light 1 x 36 w | 2 | | 2 |
| 14 | Moon Light 1 x 15 w | 3 | 2 | 5 |
| 15 | Bulb 1 x 60 w | | 14 | 14 |
| 16 | CFL 1 x 18 w | | | 0 |
| 17 | SL 250 W | | | 0 |
| 18 | LED BULB 1 x 7 W | | 10 | 10 |
| | | | | 0 |
| | UPS (in-ph , out-ph) | | | 0 |
| | UPS 3 kVA | | | 0 |
| 1 | UPS 5 kVA | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | 0 |
| | | | | 0 |
| | | | | 0 |
| | Equipments | | | 0 |
| 1 | Computer | | | 0 |
| 2 | Printer | | | 0 |
| 3 | Xerox M/C | | | 0 |
| 4 | Scanner | | | 0 |
| 5 | Other - | | | 0 |

| Table No-2.2 | | | | |
|-----------------------------------|--------------------|----------------------------|-----------------|-------|
| Building wise load survey | | | | |
| Name of Building - Girls Hostel 2 | | | | |
| Existing fitting details | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | |
| | | Security Room & guest Room | Class IV Qtr SC | Total |
| 8 | TV | | 2 | 2 |
| 9 | Napkin distroyer | | | 0 |
| | Other Units | | | 0 |
| 1 | Motor (1Ph) | | | 0 |
| 2 | Motor (3Ph) | | | 0 |
| 3 | Gyser | | | 0 |
| 4 | Water Cooler | | | 0 |
| 5 | Other - | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-----------------------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Class IV Qtr VC Bungalow -1 | |
| Name of Depett - | | Class IV Qtr VC Bungalow -1 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 25 |
| 2 | Maximum Demand - | KVA (peak) | 17.23 |
| 3 | Power factor - | Nos. | 0.806 |
| 4 | Full load currunt - | AMP | 46 |
| 5 | Voltage at full load - | Volt | 372 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 427274 |
| | | | 33457 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| | | | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| | | | 1 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 2C X 10 SQMM |
| | | - | ARM.CABLE ALU. 2C X 10 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-----------------------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Class IV Qtr VC Bungalow -1 | |
| Name of Depett - | | Class IV Qtr VC Bungalow -1 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 24.27 |
| 2 | Maximum Demand - | KVA (peak) | 16.99 |
| 3 | Power factor - | Nos. | 0.912 |
| 4 | Full load currunt - | AMP | 45.67 |
| 5 | Voltage at full load - | Volt | 372 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 427274 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 2C X 10 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-----------------------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Class IV Qtr VC Bungalow -2 | |
| Name of Depett - | | Class IV Qtr VC Bungalow -2 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.48 |
| 2 | Maximum Demand - | KVA (peak) | 0.24 |
| 3 | Power factor - | Nos. | 0.7 |
| 4 | Full load currunt - | AMP | 0.65 |
| 5 | Voltage at full load - | Volt | 372 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 33457 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 2C X 10 SQMM |

| Table No-2.2 | | | | |
|----------------------------------|-----------------------------------|--------------------------|-------|-------|
| Building wise load survey | | | | |
| Name of Building - kulguru Niwas | | | | |
| Existing fitting details | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | |
| | | Qtr.1 | Qtr.2 | Total |
| | Fan | | | 0 |
| 1 | Ceiling Fan | 1 | 1 | 4 |
| 2 | Exhaust Fan | | | 6 |
| 3 | Bracket Fan | | | 1 |
| 4 | Cabin Fan | | | 0 |
| 5 | Other - | | | 0 |
| | | | | 0 |
| | Air Conditioner | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | 0 |
| 2 | Windows A/C (2 Ton) | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | 4 |
| 4 | Air Conditioner (MS) (3 Ton) | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | 0 |
| 8 | Air Cooler | | | 2 |
| 9 | Other - | | | 0 |
| | | | | 0 |
| | Lighting | | | 0 |
| 1 | Tube Light 1 x 40 W | 2 | 2 | 4 |
| 2 | Tube Light 2 x 40 W | | 2 | 2 |
| 3 | CFL DL 1 x 11 W | | | 0 |
| 4 | CFL DL 1 x 18 W | 1 | 1 | 4 |
| 5 | CFL DL 1 x 36 W | | | 0 |
| 6 | CFL INT 11 W | | | 0 |
| 7 | CFL INT 5 W | 2 | 2 | 10 |
| 8 | CFL SL 1x 36 W | | | 0 |
| 9 | MV 125 W | | | 8 |
| 12 | MH 250 W | | | 4 |
| 13 | Bulb 1 x 15 W | | | 0 |
| | | | | 0 |
| | UPS (in-ph , out-ph) | | | 0 |
| | UPS 3 kVA | | | 0 |
| 1 | UPS 5 kVA | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | 0 |
| 4 | Other - | | | 0 |
| | | | | 0 |
| | Equipments | | | 0 |
| 1 | Computer | | | 1 |
| 2 | Printer | | | 1 |
| 3 | Xerox M/C | | | 0 |
| 4 | Scanner | | | 0 |
| 5 | T.V | | | 2 |
| 6 | Microoven | | | 1 |
| 7 | Washing Machine | | | 1 |
| 8 | Fridge | | | 2 |
| | Other Units | | | 0 |
| 1 | Motor (1Ph) | | | 0 |
| 2 | Motor (3Ph) | | | 0 |
| 3 | Gyser | | | 4 |
| 4 | Water Cooler | | | 0 |
| 5 | Other - | | | 0 |

| Table No. 2.1 | | | |
|-------------------------------|----------------------------|----------------------------|---------------------------------|
| Building Wise load surey (AC) | | | |
| Name of building - | | Class IV Qtr Guest House 1 | |
| Name of Depett - | | Class IV Qtr Guest House 2 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 1.14 |
| 2 | Maximum Demand - | KVA (peak) | 0.91 |
| 3 | Power factor - | Nos. | 0.912 |
| 4 | Full load currunt - | AMP | 3.9 |
| 5 | Voltage at full load - | Volt | 233 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 2688249 |
| | | - | 2688245 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| | | - | Meter is old. Needs replacement |
| 9 | Muliptying factor - | Nos. | 1 |
| | | - | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 2C X 10 SQMM |
| | | - | 0 |

| Table No. 2.1 | | | |
|-------------------------------|----------------------------|----------------------------|---------------------------------|
| Building Wise load surey (AC) | | | |
| Name of building - | | Class IV Qtr Guest House 1 | |
| Name of Depett - | | Class IV Qtr Guest House 1 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.57 |
| 2 | Maximum Demand - | KVA (peak) | 0.46 |
| 3 | Power factor - | Nos. | 0.912 |
| 4 | Full load currunt - | AMP | 1.96 |
| 5 | Voltage at full load - | Volt | 233 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 2688249 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliptying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 2C X 10 SQMM |

| Table No. 2.1 | | | |
|-------------------------------|----------------------------|----------------------------|---------------------------------|
| Building Wise load surey (AC) | | | |
| Name of building - | | Class IV Qtr Guest House 2 | |
| Name of Depett - | | Class IV Qtr Guest House 2 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.57 |
| 2 | Maximum Demand - | KVA (peak) | 0.46 |
| 3 | Power factor - | Nos. | 0.912 |
| 4 | Full load currunt - | AMP | 1.96 |
| 5 | Voltage at full load - | Volt | 233 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 2688245 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | |

| Table No-2.2 | | | |
|-------------------------------|-----------------------------------|--------------------------|-------|
| Building wise load survey | | | |
| Name of Building - Gest House | | | |
| Existing fitting details | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | |
| | | R1 | Total |
| | Fan | | |
| 1 | Ceiling Fan | 2 | 2 |
| 2 | Exhaust Fan | 1 | 1 |
| 3 | Bracket Fan | | 0 |
| 4 | Cabin Fan | | 0 |
| 5 | Other - | | 0 |
| | | | 0 |
| | Air Conditioner | | 0 |
| 1 | Air Conditioner (SS) 1.5 Ton | | 0 |
| 2 | Air Conditioner (SS) (2 Ton) | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | 0 |
| 8 | Air Cooler | 1 | 1 |
| 9 | Other - | | 0 |
| | | | 0 |
| | Lighting | | 0 |
| 1 | Tube Light 1 x 40 W | 2 | 2 |
| 2 | Tube Light 2 x 40 W | | 0 |
| 3 | CFL DL 1 x 11 W | | 0 |
| 4 | CFL DL 2 x 11 W | | 0 |
| 5 | CFL DL 1 x 28 W | | 0 |
| 6 | CFL INT 11 W | | 0 |
| 7 | CFL INT 5 W | 1 | 1 |
| 8 | CFL INT 18 W | 1 | 1 |
| 9 | CFL INT 36 W | | 0 |
| 10 | CFL 1x 45 W | | 0 |
| 11 | MV 125 W | | 0 |
| 12 | MH 70 W | | 0 |
| 13 | MH 150 W | | 0 |
| 14 | MH 250 W | | 0 |
| 15 | Bulb x 60 W | 7 | 7 |
| 16 | LED - 1 x 0.5 W | | 0 |
| | UPS (in-ph , out-ph) | | 0 |
| | UPS 3 kVA | | 0 |
| 1 | UPS 5 kVA | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | 0 |
| 4 | Other - | | 0 |
| | | | 0 |
| | Equipments | | 0 |
| 1 | Computer | | 0 |
| 6 | TV | 2 | 2 |
| | Other Units | | 0 |
| 1 | Motor (1Ph) | | 0 |
| 2 | Motor (3Ph) | | 0 |
| 3 | Gyser | | 0 |
| 4 | Water Cooler | | 0 |
| 5 | Other -Chakki | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-----------------------|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Confidential building | |
| Name of Deptt - | | Confidential building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 27.87 |
| 2 | Maximum Demand - | KVA (peak) | 13.94 |
| 3 | Power factor - | Nos. | 0.946 |
| 4 | Full load currunt - | AMP | 22.8 |
| 5 | Voltage at full load - | Volt | 353 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3PL-26234 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE. ALU. 3.5CX50 SQMM |

Table No-2.2

Building wise load survey

Name of Building - Confidential building

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | |
|--------|-----------------------------------|--------------------------|---------------|-------------|------------|----------------------|------|----------|-----------|----------|---------------|-------|
| | | Confidential Hall | Study section | Re-checking | Xerox room | Answer sheet section | Hall | Corridor | wash room | Corridor | Parking Light | Total |
| | Fan | | | | | | | | | | | |
| 1 | Ceiling Fan | 5 | 10 | 5 | 1 | 6 | 18 | | | | | 45 |
| 2 | Exhaust Fan | | | | 1 | 2 | 2 | | 4 | | | 9 |
| 3 | Bracket Fan | | | | 1 | | | | | | | 1 |
| 4 | Cabin Fan | | | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | | | 0 |
| | | | | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | 0 |
| 8 | Air Cooler | 1 | 2 | 2 | | | | | | | | 5 |
| 9 | Other - | | | | | | | | | | | 0 |
| | | | | | | | | | | | | 0 |
| | Lighting | | | | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 9 | 22 | 12 | 3 | 12 | 41 | 9 | 2 | 9 | | 119 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | 3 | | | | | | | 3 |
| 4 | CFL DL 2 x 5 W | | | | | | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | | | | | | 0 |
| 10 | MH 70 W | | | | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | | | | 0 |
| 13 | Other - CFL 1 x 18 W | | | | | | | | | | 6 | 6 |
| | | | | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | | | | 0 |
| | UPS 3 kVA | | 1 | | | | | | | | | 1 |
| 1 | UPS 5 kVA | | | 1 | | | | | | | | 1 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | 0 |
| 4 | Other - | | | | | | | | | | | 0 |
| | | | | | | | | | | | | 0 |
| | Equipments | | | | | | | | | | | 0 |
| 1 | Computer | | 7 | 10 | | | | | | | | 17 |
| 2 | Printer | | 3 | 2 | | | | | | | | 5 |
| 3 | Xerox M/C | 1 | | 1 | 1 | | | | | | | 3 |
| 4 | Scanner | | | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | | | 0 |
| | | | | | | | | | | | | 0 |
| | Other Units | | | | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | | | | 0 |
| 3 | Gyser | | | | | | | | | | | 0 |
| 4 | Water Cooler | | | | | | | | | 1 | | 1 |
| 5 | Other - | | | | | | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Distance Education(Warden Qtr SC Girls Hostel Idea) | |
| Name of Depett - | | Distance Education(Warden Qtr SC Girls Hostel Idea) | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 28 |
| 2 | Maximum Demand - | KVA (peak) | 3.84 |
| 3 | Power factor - | Nos. | 0.733 |
| 4 | Full load currunt - | AMP | 9 |
| 5 | Voltage at full load - | Volt | 342 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 211016 |
| | | | 9025287 |
| | | | 8829935 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| | | | Meter is old. Needs replacement |
| | | | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| | | | 1 |
| | | | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 4C X 10 SQMM |
| | | | ARM. CABLE ALU. 4C X 10 SQMM |
| | | - | ARM. CABLE ALU. 3.5C X 35 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Distance Education(Warden Qtr SC Girls Hostel Idea) | |
| Name of Depett - | | Distance Education(Warden Qtr SC Girls Hostel Idea) | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 2.3 |
| 2 | Maximum Demand - | KVA (peak) | 0.46 |
| 3 | Power factor - | Nos. | 0.7 |
| 4 | Full load currunt - | AMP | 2 |
| 5 | Voltage at full load - | Volt | 230 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 211016 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 4C X 10 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Distance Education(Warden Qtr SC Girls Hostel Idea) | |
| Name of Depett - | | Distance Education(Warden Qtr SC Girls Hostel Idea) | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 21.05 |
| 2 | Maximum Demand - | KVA (peak) | 1.37991904 |
| 3 | Power factor - | Nos. | 0.7 |
| 4 | Full load currunt - | AMP | 2 |
| 5 | Voltage at full load - | Volt | 398 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 9025287 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 4C X 10 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---|--------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Distance Education(Warden Qtr SC Girls Hostel Idea) | |
| Name of Depett - | | Distance Education(Warden Qtr SC Girls Hostel Idea) | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 5.00 |
| 2 | Maximum Demand - | KVA (peak) | 2 |
| 3 | Power factor - | Nos. | 0.8 |
| 4 | Full load currunt - | AMP | 5.020584396 |
| 5 | Voltage at full load - | Volt | 398 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 8829935 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 35 SQMM |

Table No-2.2**Building wise load survey****Name of Building - Distance Education****Existing fitting details**

| Sr. No | Appliances | Room / Lab wise Quantity | |
|--------|-----------------------------------|--------------------------|-------|
| | | R1 | TOTAL |
| | Fan | | |
| 1 | Ceiling Fan | 6 | 6 |
| 2 | Exhaust Fan | 1 | 1 |
| 3 | Bracket Fan | | 0 |
| 4 | Cabin Fan | | 0 |
| 5 | Other - | | 0 |
| | | | 0 |
| | Air Conditioner | | 0 |
| 1 | Windows A/C (1.5 Ton) | 2 | 2 |
| 2 | Windows A/C (2 Ton) | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | 0 |
| 8 | Air Cooler | | 0 |
| 9 | Other - | | 0 |
| | | | 0 |
| | Lighting | | 0 |
| 1 | Tube Light 1 x 40 W | 10 | 10 |
| 2 | Tube Light 2 x 40 W | | 0 |
| 3 | Moon Light 1 x 15 W | 12 | 12 |
| 4 | CFL DL 2 x 11 W | | 0 |
| 5 | CFL DL 2 x 36 W | | 0 |
| 6 | CFL INT 11 W | | 0 |
| 7 | CFL INT 5 W | | 0 |
| 8 | CFL SL 1x 36 W | | 0 |
| 9 | MV 125 W | 1 | 1 |
| 10 | MH 70 W | | 0 |
| 11 | MH 150 W | | 0 |
| 12 | MH 250 W | 2 | 2 |
| 13 | Bulb 1 x 60 W | 6 | 6 |
| | | | 0 |
| | UPS (in-ph , out-ph) | | 0 |

Table No-2.2**Building wise load survey****Name of Building - Distance Education****Existing fitting details**

| Sr. No | Appliances | Room / Lab wise Quantity | |
|--------|--------------------|--------------------------|-------|
| | | R1 | TOTAL |
| 1 | UPS 2 kVA | | 0 |
| 2 | UPS 5 kVA | | 0 |
| 3 | UPS 10 kVA (1 Ph) | | 0 |
| 4 | UPS 10 kVA (3 Ph) | 1 | 1 |
| 5 | Other - | | 0 |
| | | | 0 |
| | Equipments | | 0 |
| 1 | Computer | 4 | 4 |
| 2 | Printer | 2 | 2 |
| 3 | Xerox M/C | 2 | 2 |
| 4 | Scanner | | 0 |
| 5 | T.V | 2 | 2 |
| 6 | Server | 1 | 1 |
| | | | |
| | Other Units | | 0 |
| 1 | Motor (1Ph) | | 0 |
| 2 | Motor (3Ph) | | 0 |
| 3 | Gyser | 2 | 2 |
| 4 | Water Cooler | 1 | 1 |
| 5 | Other - | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--------------------------------------|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Dr. Shrikant Jichkar memorial Bhavan | |
| Name of Depett - | | Dr. Shrikant Jichkar memorial Bhavan | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 50 |
| 2 | Maximum Demand - | KVA (peak) | 9.14 |
| 3 | Power factor - | Nos. | 0.872 |
| 4 | Full load currunt - | AMP | 13 |
| 5 | Voltage at full load - | Volt | 387 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1k 093271 |
| | | - | 1398607 |
| 8 | Energy meter test result - | - | OK |
| | | - | OK |
| 9 | Muliptying factor - | Nos. | 20 |
| | | - | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU.35C X 185 SQMM |
| | | - | ARM. CABLE ALU.35C X 185 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--------------------------------------|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Dr. Shrikant Jichkar memorial Bhavan | |
| Name of Depett - | | Dr. Shrikant Jichkar memorial Bhavan | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 34.40 |
| 2 | Maximum Demand - | KVA (peak) | 5.15 |
| 3 | Power factor - | Nos. | 0.814 |
| 4 | Full load currunt - | AMP | 7.26 |
| 5 | Voltage at full load - | Volt | 402 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1k 093271 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliptying factor - | Nos. | 20 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU.35C X 185 SQMM |

Table No. 2.1

| Building Wise load surey | | | |
|--------------------------|----------------------------|--------------------------------------|----------------------------------|
| Name of building - | | Dr. Shrikant Jichkar memorial Bhavan | |
| Name of Depett - | | Dr. Shrikant Jichkar memorial Bhavan | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 15.13 |
| 2 | Maximum Demand - | KVA (peak) | 4.00 |
| 3 | Power factor - | Nos. | 0.929 |
| 4 | Full load currunt - | AMP | 6.20 |
| 5 | Voltage at full load - | Volt | 372 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1398607 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU.35C X 185 SQMM |

| Table No-2.2 | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-----------------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-------|
| Building wise load survey | | | | | | | | | | | | | | | | | | |
| Name of Building - Jichkar Bhavan | | | | | | | | | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | | | | | | |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | R16 | Total |
| | Fan | | | | | | | | | | | | | | | | | 0 |
| 1 | Ceiling Fan | 7 | 7 | 6 | 2 | 5 | 3 | 4 | 7 | 2 | 8 | 6 | 6 | 5 | 20 | 16 | | 104 |
| 2 | Exhaust Fan | 1 | | 1 | | | 1 | 1 | 1 | | | | | 1 | 1 | | 18 | 25 |
| 3 | Bracket Fan | | | | | | | | | | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | | | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | 3 | | | | | 2 | 1 | 1 | 3 | | | | 10 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | | | | | | | 0 |
| 8 | Air Cooler | 1 | | | 1 | | | | 1 | 1 | 1 | 1 | | | 1 | | | 7 |
| 9 | Other - | | | | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | | | | 0 |
| | Lighting | | | | | | | | | | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | | | | | | | | 1 | | | | | | | | | 1 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | | | | | | | | 0 |
| 3 | Tube Light 1 x 28 W | 7 | 34 | 6 | 4 | 12 | 3 | 6 | 5 | 3 | 8 | 8 | 6 | 10 | 19 | 33 | 14 | 178 |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | | | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | | | | | | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | | | | | | | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | | | | | | | | | | | | 0 |
| 10 | MH 70 W | | | | | | | | | | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | | | | | | | 2 | | | 2 |
| 12 | MH 250 W | | | | | | | | | | | | | | | | | 0 |
| 13 | CFL DL 1 x 20 W | | 3 | | | | | | | | | | | | | | | 3 |
| | | | | | | | | | | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | | | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | | | | | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | | | | | | | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | | | | | | | 0 |
| 4 | Other - | | | | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | | | | 0 |
| | Equipments | | | | | | | | | | | | | | | | | 0 |
| 1 | Computer | 1 | | 3 | 1 | 1 | 1 | | 4 | 1 | 5 | 3 | 11 | | | | | 31 |
| 2 | Printer | 1 | | | 1 | 1 | | | | 1 | | 1 | | | | | | 5 |
| 3 | Xerox M/C | 1 | | | | | | | 1 | | 1 | | | | | | | 3 |
| 4 | Scanner | | | | | | | | | 1 | | 1 | | | | | | 2 |
| 5 | T.V | 1 | | 1 | | | | | 1 | | | | | 1 | | | | 4 |
| 6 | Projector | | | | | | | | 1 | | | | | | | | | 1 |
| 7 | Server | | | | | | | | | | | | 1 | | | | | 1 |
| 8 | Telepno meter | | | | | | | | | | 1 | | | | | | | 1 |
| | Other Units | | | | | | | | | | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | | | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | | | | | | | | 1 | | 1 |
| 3 | Gyser | | | | | | | | | | | | | | | | | 0 |

| Table No-2.2 | | | | | | | | | | | | | | | | | | |
|--|--------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-------|
| Building wise load survey | | | | | | | | | | | | | | | | | | |
| Name of Building - Jichkar Bhavan | | | | | | | | | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | | | | | | |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | R16 | Total |
| 4 | Water Cooler | | | 1 | | | | | | | 1 | | | 1 | | | | 3 |
| 5 | Other - | | | | | | | | | | | | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--------------------|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Education Building | |
| Name of Depett - | | Education Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 91 |
| 2 | Maximum Demand - | KVA (peak) | 36.39 |
| 3 | Power factor - | Nos. | 0.961 |
| 4 | Full load currunt - | AMP | 55 |
| 5 | Voltage at full load - | Volt | 385 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 079508 |
| | | - | 1K 090433 |
| 8 | Energy meter test result - | - | OK |
| | | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| | | - | 20 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU.3.5C X 70 SQMM |
| | | - | ARM. CABLE ALU.3.5C X 35 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--------------------|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Education Building | |
| Name of Depett - | | Education Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 42.00 |
| 2 | Maximum Demand - | KVA (peak) | 25.94 |
| 3 | Power factor - | Nos. | 0.968 |
| 4 | Full load currunt - | AMP | 38.9 |
| 5 | Voltage at full load - | Volt | 385 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 079508 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU.3.5C X 70 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | AV Theatre | |
| Name of Depett - | | AV Theatre | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 48.94 |
| 2 | Maximum Demand - | KVA (peak) | 10.45 |
| 3 | Power factor - | Nos. | 0.954 |
| 4 | Full load currunt - | AMP | 15.7 |
| 5 | Voltage at full load - | Volt | 384 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 090433 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 20 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU.3.5C X 35 SQMM |

Table No-2.2

Building wise load survey

Name of Building - EDUCATION BUILDING

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | Total |
|--------|-----------------------------------|--------------------------|----------------|--------------|------------|------------|---------|-----------|-------------------|-------|
| | | M. Ed. | Sociology dept | Marathi dept | Hindi dept | AV Theater | Passage | Wash room | Out side lighting | |
| | Fan | | | | | | | | | 0 |
| 1 | Ceiling Fan | 35 | 30 | 26 | 21 | 12 | 1 | 2 | | 127 |
| 2 | Exhaust Fan | | | 2 | | | | 11 | | 13 |
| 3 | Bracket Fan | | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | | 0 |
| 4 | Air Conditioner (SS) (2 Ton) | | 2 | | | | | | | 2 |
| 5 | Air Conditioner (MS) (3 Ton) | | | | | 8 | | | | 8 |
| 6 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | 0 |
| 7 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | 0 |
| 8 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | 0 |
| 9 | Air Cooler | | 1 | | | | 12 | | | 13 |
| 10 | Other - | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | Lighting | | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 24 | 37 | 40 | 28 | | 29 | 10 | 5 | 173 |
| 2 | Tube Light 2 x 36 W | | | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | 35 | | | | 35 |
| 4 | CFL DL 2 x 11 W | | | | | 3 | | | | 3 |
| 5 | CFL DL 2 x 36 W | | | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | | 6 | | 6 |
| 8 | CFL SL 1x 36 W | | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | 1 | | | 1 |
| 10 | MH 70 W | | | | | 2 | | | | 2 |
| 11 | MH 150 W | | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | | 0 |
| 13 | TUBE LIGHT 1 X 36W | | 1 | 2 | 3 | | 5 | 1 | | 12 |
| 14 | TUBE LIGHT 2 X 40 W | | | | | | 1 | | | 1 |
| | | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | | 0 |
| | UPS 3 kVA | 1 | | | | | | | | 1 |
| 1 | UPS 5 kVA | | | | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | Equipments | | | | | | | | | 0 |
| 1 | Computer | 10 | 12 | 4 | 9 | | | | | 35 |
| 2 | Printer | 1 | 5 | 2 | 5 | | | | | 13 |
| 3 | Xerox M/C | 1 | 1 | | 1 | | | | | 3 |
| 4 | Scanner | | | | | | | | | 0 |

Table No-2.2

Building wise load survey

Name of Building - EDUCATION BUILDING

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | Total |
|--------|--------------------|--------------------------|----------------|--------------|------------|------------|---------|-----------|-------------------|-------|
| | | M. Ed. | Sociology dept | Marathi dept | Hindi dept | AV Theater | Passage | Wash room | Out side lighting | |
| 5 | SCANNER PRINTER | 2 | 2 | 1 | | | | | | 5 |
| 5 | TV | 2 | 2 | 2 | 1 | | | | | 7 |
| 6 | PROJECTOR | 3 | 2 | 2 | 3 | 1 | | | | 11 |
| 7 | SPEAKER | | | | | 8 | | | | 8 |
| 8 | Computer UPS | | | 1 | 3 | | | | | 4 |
| | | | | | | | | | | 0 |
| | Other Units | | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | | 0 |
| 3 | Gyser | | | | | | | | | 0 |
| 4 | Water Cooler | | | | | | 3 | | | 3 |
| 5 | Other - | | | | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|----------------------|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Electric Sub-Station | |
| Name of Depett - | | Electric Sub-Station | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 8.62 |
| 2 | Maximum Demand - | KVA (peak) | 4.3075 |
| 3 | Power factor - | Nos. | 0.684337 |
| 4 | Full load currunt - | AMP | 10.46 |
| 5 | Voltage at full load - | Volt | 412 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 26291 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 3.5C X 50 SQMM |

| Table No-2.2 | | | | | | | |
|----------------------------------|-----------------------------------|--------------------------|----|----|----|----|-------|
| Building wise load survey | | | | | | | |
| Name of Building - SUB - STATION | | | | | | | |
| Existing fitting details | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | TOTAL |
| | | R1 | R2 | R3 | R4 | R5 | |
| | Fan | | | | | | 0 |
| 1 | Ceiling Fan | 6 | | 1 | | | 7 |
| 2 | Exhaust Fan | 3 | 1 | | 1 | | 5 |
| 3 | Bracket Fan | | | | | | 0 |
| 4 | Cabin Fan | | | | | | 0 |
| 5 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Air Conditioner | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | 0 |
| 8 | Air Cooler | 1 | 1 | | | 1 | 3 |
| 9 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Lighting | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 8 | 3 | 3 | 1 | | 15 |
| 2 | Tube Light 2 x 40 W | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | | 0 |
| 4 | CFL DL 2 x 11 W | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | 0 |
| 9 | MV 125 W | | | 1 | | | 1 |
| 10 | MH 70 W | | | | | | 0 |
| 11 | MH 150 W | | | | | | 0 |
| 12 | MH 250 W | | | | | | 0 |
| 13 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | 0 |
| | UPS 3 kVA | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | 0 |
| 4 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Equipments | | | | | | 0 |
| 1 | Computer | | 1 | | | 1 | 2 |
| 2 | Printer | | | | | 1 | 1 |
| 3 | Xerox M/C | | | | | | 0 |
| 4 | Scanner | | | | | | 0 |
| 5 | Computer ups | | | | | 1 | 1 |
| | | | | | | | 0 |
| | Other Units | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | 1 | 1 |
| 3 | Gyser | | | | | | 0 |
| 4 | Water Cooler | | | 1 | | | 1 |
| 5 | Other - | | | | | | 0 |

| Abbreviations | |
|----------------------|------------------------|
| | Name of Room / Lab |
| R1 | Side Room & Power Room |
| R2 | Eadle Sir Office |
| R3 | Outside & Passage |
| R4 | Wash Room |
| R5 | Store Room |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--------------------------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Employee welfare Co-Op society | |
| Name of Depett - | | Employee welfare Co-Op society | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 5.72 |
| 2 | Maximum Demand - | KVA (peak) | 2.858 |
| 3 | Power factor - | Nos. | 0.92 |
| 4 | Full load currunt - | AMP | 12.37 |
| 5 | Voltage at full load - | Volt | 231 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 61762 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1,1 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 4CX 10 SQMM |

| Table No-2.2 | | | | | | |
|---|-----------------------------------|--------------------------|--------|------------|-------------------|-------|
| Building wise load survey | | | | | | |
| Name of Building - Employer Welfare Society | | | | | | |
| Existing fitting details | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | TOTAL |
| | | Meeting Room | Office | Xerox Room | Passage & Outside | |
| | Fan | | | | | 0 |
| 1 | Ceiling Fan | 1 | 4 | 1 | | 6 |
| 2 | Exhaust Fan | 1 | | | | 1 |
| 3 | Bracket Fan | | | | | 0 |
| 4 | Cabin Fan | | | | | 0 |
| 5 | Other - | | | | | 0 |
| | | | | | | 0 |
| | Air Conditioner | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | 0 |
| 8 | Air Cooler | | | | | 0 |
| 9 | Other - | | | | | 0 |
| | | | | | | 0 |
| | Lighting | | | | | 0 |
| 1 | Tube Light 1 x 40 W | | 6 | 1 | 1 | 8 |
| 2 | Tube Light 1 x 36 W | 3 | | | | 3 |
| 3 | CFL DL 1 x 18 W | | | | 1 | 1 |
| 4 | CFL DL 2 x 11 W | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | 0 |
| 6 | CFL INT 11 W | | | | | 0 |
| 7 | CFL INT 5 W | | | | | 0 |
| 12 | MH 250 W | | | | | 0 |
| 13 | Other - | | | | | 0 |
| | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | 0 |
| | UPS 3 kVA | | | | | 0 |
| 1 | UPS 5 kVA | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | 0 |
| 4 | Other - | | | | | 0 |
| | | | | | | 0 |
| | Equipments | | | | | 0 |
| 1 | Computer | | 3 | | | 3 |
| 2 | Printer | | 3 | | | 3 |
| 3 | Xerox M/C | | | 1 | | 1 |
| 4 | Scanner | | | | | 0 |
| 5 | Computer UPS | | 2 | | | 2 |
| | Server | | 1 | | | 1 |
| | | | | | | 0 |
| | Other Units | | | | | 0 |
| 1 | Motor (1Ph) | | | | | 0 |
| 2 | Motor (3Ph) | | | | | 0 |
| 3 | Gyser | | | | | 0 |
| 4 | Water Cooler | | | | 1 | 1 |
| 5 | Other - | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------------|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | English Building | |
| Name of Depett - | | English Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 5.15 |
| 2 | Maximum Demand - | KVA (peak) | 3.09 |
| 3 | Power factor - | Nos. | 0.89 |
| 4 | Full load currunt - | AMP | 8.09 |
| 5 | Voltage at full load - | Volt | 382 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 16024885 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU.3.5C X 50 SQMM |

| Table No-2.2 | | | |
|-------------------------------------|-----------------------------------|--------------------------|----------|
| Building wise load survey | | | |
| Name of Building - ENGLISH BUILDING | | | |
| Existing fitting details | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | |
| | | English dept. | TOTAL |
| | Fan | | 0 |
| 1 | Ceiling Fan | 27 | 27 |
| 2 | Exhaust Fan | 9 | 9 |
| 3 | Bracket Fan | | 0 |
| 4 | Cabin Fan | | 0 |
| 5 | Other - | | 0 |
| | | | 0 |
| | Air Conditioner | | 0 |
| 1 | Windows A/C (1.5 Ton) | | 0 |
| 2 | Windows A/C (2 Ton) | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | 0 |
| 8 | Air Cooler | | 0 |
| 9 | Other - | | 0 |
| | | | 0 |
| | Lighting | | 0 |
| 1 | Tube Light 1 x 28 W | 8 | 8 |
| 2 | Tube Light 2 x 40 W | | 0 |
| 3 | CFL DL 1 x 11 W | 9 | 9 |
| 4 | CFL DL 1 x 18 W | 2 | 2 |
| 5 | CFL DL 2 x 36 W | | 0 |
| 6 | CFL INT 11 W | | 0 |
| 7 | CFL INT 5 W | | 0 |
| 12 | MH 250 W | | 0 |
| 13 | LED 1 X 18 W | 43 | 43 |
| | | | 0 |
| | UPS (in-ph , out-ph) | | 0 |
| | UPS 3 kVA | | 0 |
| 1 | UPS 5 kVA | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | 0 |
| 4 | Other - | | 0 |
| | | | 0 |
| | Equipments | | 0 |
| 1 | Computer | | 0 |
| 2 | Printer | | 0 |
| 3 | Xerox M/C | | 0 |
| 4 | Scanner | | 0 |
| 5 | Other - | | 0 |
| | | | 0 |
| | Other Units | | 0 |
| 1 | Motor (1Ph) | | 0 |
| 2 | Motor (3Ph) | | 0 |
| 3 | Gyser | | 0 |
| 4 | Water Cooler | 1 | 1 |
| 5 | Other - | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|----------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Garden Section | |
| Name of Depett - | | Garden Section | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 7.30 |
| 2 | Maximum Demand - | KVA (peak) | 3.651 |
| 3 | Power factor - | Nos. | 0.925 |
| 4 | Full load currunt - | AMP | 31.75 |
| 5 | Voltage at full load - | Volt | 230 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1H 2688248 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 4C X 10 SQMM |

| Table No-2.2 | | | | | |
|----------------------------------|-----------------------------------|-------------|--------------|------------------|-------|
| Building wise load survey | | | | | |
| Name of Building -GARDEN SECTION | | | | | |
| Existing fitting details | | | | | |
| Sr. No | Appliances | Office Room | Garden Store | Outside Lighting | Total |
| | Fan | | | | 0 |
| 1 | Ceiling Fan | 6 | 2 | | 8 |
| 2 | Exhaust Fan | | | | 0 |
| 3 | Bracket Fan | | | | 0 |
| 4 | Cabin Fan | | | | 0 |
| 5 | Other - | | | | 0 |
| | | | | | 0 |
| | Air Conditioner | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | 0 |
| 8 | Air Cooler | 1 | | | 1 |
| 9 | Other - | | | | 0 |
| | | | | | 0 |
| | Lighting | | | | 0 |
| 1 | Tube Light 1 x 40 W | 14 | 4 | 1 | 19 |
| 2 | Tube Light 2 x 40 W | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | 0 |
| 4 | CFL DL 2 x 11 W | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | 0 |
| 6 | CFL INT 11 W | | | | 0 |
| 7 | CFL INT 5 W | | | | 0 |
| 8 | CFL SL 1x 36 W | | 1 | | 1 |
| 9 | MV 125 W | | | | 0 |
| 10 | MH 70 W | | | | 0 |
| 11 | MH 150 W | | | | 0 |
| 12 | MH 250 W | | | | 0 |
| 13 | CFL 18X1 | | | 2 | 2 |
| | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | 0 |

| Table No-2.2 | | | | | |
|--------------|--------------------|---|--|---|---|
| 1 | UPS 3 kVA | 1 | | | 1 |
| 2 | UPS 5 kVA | | | | 0 |
| 3 | UPS 10 kVA (1 Ph) | | | | 0 |
| 4 | UPS 10 kVA (3 Ph) | | | | 0 |
| 5 | UPS 4 kVA | | | | 0 |
| | | | | | 0 |
| | Equipments | | | | 0 |
| 1 | Computer | 1 | | | 1 |
| 2 | Printer | 1 | | | 1 |
| 3 | Xerox M/C | | | | 0 |
| 4 | Scanner | | | | 0 |
| 5 | Projector | | | | 0 |
| 6 | Fridge | | | | 0 |
| | | | | | 0 |
| | Other Units | | | | 0 |
| 1 | Motor (1Ph) | | | | 0 |
| 2 | Motor (3Ph) | | | 2 | 2 |
| 3 | Gyser | | | | 0 |
| 4 | Water Cooler | | | 1 | 1 |
| 5 | Other - | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------------|-------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Geology Building | |
| Name of Depett - | | Geology Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 79.34 |
| 2 | Maximum Demand - | KVA (peak) | 23.802 |
| 3 | Power factor - | Nos. | 0.882 |
| 4 | Full load currunt - | AMP | 36 |
| 5 | Voltage at full load - | Volt | 385 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1k-090050 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ANNEX. ALU. 3.5C X 50 SQMM |

| Table No-2.2 | | | | | | | | | | | | | |
|----------------------------|-----------------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-------|
| Building wise load survey | | | | | | | | | | | | | |
| Name of Building - Geology | | | | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | Total |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | |
| | Fan | | | | | | | | | | | | 0 |
| 1 | Ceiling Fan | 6 | 7 | 2 | 4 | 2 | 3 | 1 | 2 | 1 | 6 | 3 | 37 |
| 2 | Exhaust Fan | 1 | 1 | 1 | | | | | | | | 3 | 6 |
| 3 | Bracket Fan | | | | | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | 2 | | 3 | | | | | | 5 |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | 2 | | | 1 | 2 | | | | 5 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | | 0 |
| 8 | Air Cooler | | | | | | | | | | | | 0 |
| 9 | Other - | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | 0 |
| | Lighting | | | | | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 8 | 8 | 3 | 6 | 2 | 4 | 2 | 4 | 4 | 10 | 4 | 55 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | | | 0 |
| 4 | CFL DL 1 x 18 W | | | 1 | | | | | | | | | 1 |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | | 0 |
| 6 | CFL 2 x 11 W | | | | | | | | | | | 3 | 3 |
| 7 | CFL INT 5 W | | | | | | | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | | | | | | | 0 |
| 10 | MH 70 W | | | | | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | | | | | 0 |
| 13 | Other - | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | 1 | | | | 1 | | | | 2 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | | 0 |
| 4 | Other - | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | 0 |
| | Equipments | | | | | | | | | | | | 0 |
| 1 | Computer | 2 | 13 | 3 | 4 | 2 | 4 | | 11 | | | | 39 |
| 2 | Printer | | | 1 | | 1 | 2 | 1 | 3 | | | | 8 |
| 3 | Xerox M/C | | | | 1 | | 1 | | | | | | 2 |
| 4 | Scanner | | | | | | | | | | | | 0 |
| 5 | Projector | 1 | 2 | | | | | | | | | | 3 |
| 6 | Filter Machine | | | | 1 | | | | | | | | 1 |
| 7 | Distilled water M/C | | | | 2 | | | | | | | | 2 |
| 8 | CRO | | | | 2 | | | | | | | | 2 |
| 9 | Ocilloscope | | | | 1 | | | | | | | | 1 |
| 10 | Gaussmeter | | | | 1 | | | | | | | | 1 |
| 11 | Fridge | | | | 1 | | 1 | | 1 | | | | 3 |
| 12 | Flame Photometer | | | | | 1 | | | | | | | 1 |

| Table No-2.2 | | | | | | | | | | | | | |
|----------------------------|--------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-------|
| Building wise load survey | | | | | | | | | | | | | |
| Name of Building - Geology | | | | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | Total |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | |
| 13 | Spectrometer | | | | | 1 | | | | | | | 1 |
| 14 | Microscope | | | | | | 3 | | 1 | | | | 4 |
| 15 | Spectrophotometer | | | | | | | | 1 | | | | 1 |
| 16 | Computer Ups | | | | | | | | 3 | | | | 3 |
| 17 | Polishing Machine | | | | | | | | | 1 | | | 1 |
| 18 | Core Machine | | | | | | | | | 3 | | | 3 |
| 19 | Cutting machine | | | | | | | | | 5 | | | 5 |
| 20 | server | | | | 1 | | | | | | | 1 | 2 |
| | Other Units | | | | | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | | | | | 0 |
| 3 | Gyser | | | | | | | | | | | | 0 |
| 4 | Water Cooler | | | | | | | | | | | 1 | 1 |
| | | | | | | | | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|----------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Girls Hostel 1 | |
| Name of Depett - | | Girls Hostel 1 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 38 |
| 2 | Maximum Demand - | KVA (peak) | 12.27 |
| 3 | Power factor - | Nos. | 0.842 |
| 4 | Full load currunt - | AMP | 18 |
| 5 | Voltage at full load - | Volt | 404 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3008396 |
| | | | 3PL-26577 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| | | | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| | | | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 70 SQMM |
| | | - | ARM. CABLE ALU. 3.5C X 50 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|----------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Girls Hostel 1 | |
| Name of Depett - | | Girls Hostel 1 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 22.62 |
| 2 | Maximum Demand - | KVA (peak) | 8.06 |
| 3 | Power factor - | Nos. | 0.996 |
| 4 | Full load currunt - | AMP | 12.19 |
| 5 | Voltage at full load - | Volt | 409 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3008396 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 70 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|----------------|--------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Girls Hostel 1 | |
| Name of Depett - | | Girls Hostel 1 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 15.08 |
| 2 | Maximum Demand - | KVA (peak) | 4.21 |
| 3 | Power factor - | Nos. | 0.688 |
| 4 | Full load currunt - | AMP | 6.073 |
| 5 | Voltage at full load - | Volt | 400 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3PL-26577 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 50 SQMM |

| Table No-2.2 | | | | | | | | | | | | | |
|-----------------------------------|-----------------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-------|
| Building wise load survey | | | | | | | | | | | | | |
| Name of Building - GIRLS HOSTEL 1 | | | | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | Total |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | |
| | Fan | | | | | | | | | | | | 0 |
| 1 | Ceiling Fan | 1 | 2 | 2 | 26 | 12 | 7 | 1 | 10 | 20 | 2 | | 83 |
| 2 | Exhaust Fan | | | | | | | | 2 | | 20 | | 22 |
| 3 | Bracket Fan | | | | | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | | 0 |
| 8 | Air Cooler | | 1 | | | | | | | | 1 | | 2 |
| 9 | Other - | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | 0 |
| | Lighting | | | | | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 3 | | 2 | 18 | 20 | 7 | 1 | 5 | 10 | 4 | | 70 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | 32 | 1 | 33 |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | | | | | | 0 |
| 7 | CFL INT 5 W | | | 1 | 21 | 26 | | | | 10 | 5 | 22 | 85 |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | | | | | | | 0 |
| 10 | MH 125 W | | | | | | | | | | 5 | | 5 |
| 11 | MH 150 W | | | | | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | | | 1 | | 1 |
| 13 | CFL DL 1 x 18 W | | | | 21 | | | 1 | 1 | 10 | 11 | 4 | 48 |
| | | | | | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | | 0 |
| 4 | Other - | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | 0 |
| | Equipments | | | | | | | | | | | | 0 |
| 1 | Computer | | 1 | | | | | 2 | | | | | 3 |
| 2 | Printer | | 1 | | | | | | | | | | 1 |
| 3 | Xerox M/C | | | | | | | | | | | | 0 |
| 4 | Scanner | | | | | | | | | | | | 0 |
| 5 | Computer UPS | | | | | | | 2 | | | | | 2 |
| 6 | TV | | | | | | | 1 | | | | | 1 |

| Table No-2.2 | | | | | | | | | | | | | | |
|-----------------------------------|--------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|-------|---|
| Building wise load survey | | | | | | | | | | | | | | |
| Name of Building - GIRLS HOSTEL 1 | | | | | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | Total | |
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | | |
| 7 | Napkin distroyer | | | | | | | 1 | | | | | | 1 |
| 8 | gyser | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | 0 |
| | Other Units | | | | | | | | | | | | | 0 |
| 1 | Motor (1Ph) | 1 | | | | | | | | | | | | 1 |
| 2 | Motor (3Ph) | | | | | | | | | | | | | 0 |
| 3 | Gyser | | | | | | | 6 | | | | | | 6 |
| 4 | Water Cooler | | | | | | | | | | 2 | | | 2 |
| 5 | Other - | | | | | | | | | | | | | 0 |

Abbreviations

| | Name of Room / Lab |
|-----|--------------------------------|
| R1 | Watchman room |
| R2 | Office room |
| R3 | Room no 2 |
| R4 | Room no 3-23(21 rooms) |
| R5 | Room no 24-49(26 room) |
| R6 | Indoor sport hall & store room |
| R7 | Computer room |
| R8 | Recreation hall |
| R9 | Room no 9-18 (10 room) |
| R10 | Passage & outside |
| R11 | Wash room |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|----------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Girls Hostel 2 | |
| Name of Depett - | | Girls Hostel 2 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 26.844 |
| 2 | Maximum Demand - | KVA (peak) | 7.522016 |
| 3 | Power factor - | Nos. | 0.486 |
| 4 | Full load currunt - | AMP | 10.86 |
| 5 | Voltage at full load - | Volt | 400.07 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 4725 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | | ARM. CABLE ALU. 3.5C X 120 SQMM |

Table No-2.2

Building wise load survey

Name of Building - Girls Hostel 2

Existing fitting details

| Sr. No | Appliances | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 |
|------------------------|-----------------------------------|----|----|----|----|----|----|----|----|----|
| Fan | | | | | | | | | | |
| 1 | Ceiling Fan | 2 | 22 | 10 | 25 | 27 | 2 | 6 | 2 | |
| 2 | Exhaust Fan | | | 2 | | | | | | 30 |
| 3 | Bracket Fan | | | | | | | | | |
| 4 | Cabin Fan | | | | | | | | | |
| 5 | Other - | | | | | | | | | |
| Air Conditioner | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | |
| 8 | Air Cooler | | | | | | | 2 | | |
| 9 | Other - | | | | | | | | | |
| Lighting | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 5 | 22 | 8 | 25 | 27 | 4 | 9 | 40 | |
| 2 | Tube Light 2 x 40 W | | | | | | | | | |
| 3 | CFL DL 1 x 11 W | | | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | | | |
| 7 | CFL INT 5 W | 1 | 22 | | 25 | 14 | | | | 28 |
| 8 | CFL SL 1x 36 W | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | |
| 10 | MH 70 W | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | 3 | |
| 13 | Tube Light 1 x 36 w | | | | | | | | 13 | |
| 14 | Moon Light 1 x 15 w | | | | | | | | 2 | |
| 15 | Bulb 1 x 60 w | 1 | | | | | | | | |
| 16 | CFL 1 x 18 w | | | 15 | | | | | | |
| 17 | SL 250 W | | | | | | | | 2 | |

Table No-2.2

| | | | | | | | | | | |
|----|------------------------------|--|--|--|---|--|---|---|---|---|
| 18 | LED BULB 1 x 7 W | | | | | | | | | |
| | | | | | | | | | | |
| | UPS (in-ph , out-ph) | | | | | | | | | |
| | UPS 3 kVA | | | | | | | | | |
| 1 | UPS 5 kVA | | | | | | | | | |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | Equipments | | | | | | | | | |
| 1 | Computer | | | | | | 2 | | | |
| 2 | Printer | | | | | | | | | |
| 3 | Xerox M/C | | | | | | | | | |
| 4 | Scanner | | | | | | | | | |
| 5 | Other - | | | | | | | | | |
| 6 | Fridge | | | | 1 | | | | | |
| 7 | Mixer | | | | 1 | | | | | |
| 8 | TV | | | | | | | 1 | | |
| 9 | Napkin distroyer | | | | | | | | 1 | |
| 10 | Gyser | | | | | | | | | |
| 11 | Computer UPS | | | | | | 2 | | | |
| | Other Units | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | | | 2 |
| 3 | Gyser | | | | | | | | | 8 |
| 4 | Water Cooler | | | | | | | | 3 | |
| 5 | Other - | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Girls Hostel 2

Existing fitting details

| Sr. No | Appliances | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | Total |
|--------|-----------------------------------|----|----|----|----|----|----|----|----|----|-------|
| | Fan | | | | | | | | | | 0 |
| 1 | Ceiling Fan | 2 | 22 | 10 | 25 | 27 | 2 | 6 | 2 | | 96 |
| 2 | Exhaust Fan | | | 2 | | | | | | 30 | 32 |
| 3 | Bracket Fan | | | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | | 0 |
| | | | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | 0 |
| 8 | Air Cooler | | | | | | | 2 | | | 2 |
| 9 | Other - | | | | | | | | | | 0 |
| | | | | | | | | | | | 0 |
| | Lighting | | | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 5 | 22 | 8 | 25 | 27 | 4 | 9 | 40 | | 140 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | 0 |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | | | | 0 |
| 7 | CFL INT 5 W | 1 | 22 | | 25 | 14 | | | | 28 | 90 |
| 8 | CFL SL 1x 36 W | | | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | | | | | 0 |
| 10 | MH 70 W | | | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | 3 | | 3 |
| 13 | Tube Light 1 x 36 w | | | | | | | | 13 | | 13 |
| 14 | Moon Light 1 x 15 w | | | | | | | | 2 | | 2 |
| 15 | Bulb 1 x 60 w | 1 | | | | | | | | | 1 |
| 16 | CFL 1 x 18 w | | | 15 | | | | | | | 15 |
| 17 | SL 250 W | | | | | | | | 2 | | 2 |

Table No-2.2

| | | | | | | | | | | |
|----|------------------------------|--|--|---|--|--|---|---|---|---|
| 18 | LED BULB 1 x 7 W | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | Equipments | | | | | | | | | 0 |
| 1 | Computer | | | | | | 2 | | | 2 |
| 2 | Printer | | | | | | | | | 0 |
| 3 | Xerox M/C | | | | | | | | | 0 |
| 4 | Scanner | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | 0 |
| 6 | Fridge | | | 1 | | | | | | 1 |
| 7 | Mixer | | | 1 | | | | | | 1 |
| 8 | TV | | | | | | | 1 | | 1 |
| 9 | Napkin distroyer | | | | | | | | 1 | 1 |
| 10 | Gyser | | | | | | | | | 0 |
| 11 | Computer UPS | | | | | | 2 | | | 2 |
| | Other Units | | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | 2 | 2 |
| 3 | Gyser | | | | | | | | 8 | 8 |
| 4 | Water Cooler | | | | | | | 3 | | 3 |
| 5 | Other - | | | | | | | | | 0 |

| Abbreviations | |
|----------------------|-------------------------------------|
| | Name of Room / Lab |
| R1 | Office Room & electric room 1 & 2 |
| R2 | Room no 1-22 (22 room) |
| R3 | Mess hall & kitchen |
| R4 | Room no 101-112(12 room)& room 113 |
| R5 | Room NO 200-212 (21 room)& room 213 |
| R6 | Computer room |
| R7 | Recreation room |
| R8 | Passage & Outside |
| R9 | Wash room |
| | |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|----------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Girls Hostel 3 | |
| Name of Depett - | | Girls Hostel 3 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 27.50 |
| 2 | Maximum Demand - | KVA (peak) | 4.208289 |
| 3 | Power factor - | Nos. | 0.7 |
| 4 | Full load currunt - | AMP | 6.073 |
| 5 | Voltage at full load - | Volt | 400.104 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | - |
| 8 | Energy meter test result - | - | Meter Not available |
| 9 | Muliplying factor - | Nos. | |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 70 SQMM |

Table No-2.2

Building wise load survey

Name of Building - GIRLS HOSTEL 3

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | |
|--------|-----------------------------------|--------------------------|----|----|----|----|----|----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 |
| | Fan | | | | | | | |
| 1 | Ceiling Fan | 2 | 20 | | 2 | 28 | 1 | |
| 2 | Exhaust Fan | 1 | | | | | | 7 |
| 3 | Bracket Fan | | | | | | | |
| 4 | Cabin Fan | | | | | | | |
| 5 | Other - | | | | | | | |
| | | | | | | | | |
| | Air Conditioner | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | |
| 8 | Air Cooler | | | | | | 2 | |
| 9 | Other - | | | | | | | |
| | | | | | | | | |
| | Lighting | | | | | | | |
| 1 | Tube Light 1 x 40 W | 5 | 22 | 2 | 3 | 26 | 21 | 4 |
| 2 | Tube Light 2 x 40 W | | | | | | | |
| 3 | CFL DL 1 x 11 W | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | 7 | |
| 5 | CFL DL 2 x 36 W | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | |
| 7 | CFL INT 5 W | 2 | 18 | | 2 | 13 | | 16 |
| 8 | CFL SL 1x 36 W | | | | | | 16 | 3 |
| 9 | MV 125 W | | | | | | | |
| 10 | MH 70 W | | | | | | | |
| 11 | MH 150 W | | | | | | | |
| 12 | MH 250 W | | | | | | | |
| 13 | Tube Light 1 x 36 W | | | | | | | |
| 14 | MH 125 w | | | | | | 5 | |
| | UPS (in-ph , out-ph) | | | | | | | |
| | UPS 3 kVA | | | | | | | |
| 1 | UPS 5 kVA | | | | | | | |

Table No-2.2

| | | | | | | | | |
|---|--------------------|---|--|---|--|---|--|---|
| 2 | UPS 10 kVA (1 Ph) | | | | | | | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | |
| 4 | Other - | | | | | | | |
| | | | | | | | | |
| | Equipments | | | | | | | |
| 1 | Computer | | | 1 | | | | |
| 2 | Printer | | | | | | | |
| 3 | Xerox M/C | | | | | | | |
| 4 | Scanner | | | | | | | |
| 5 | TV | 1 | | | | | | |
| 6 | Computer ups | | | 1 | | | | |
| 7 | Gyser | | | | | | | |
| | | | | | | | | |
| | Other Units | | | | | | | |
| 1 | Motor (1Ph) | 1 | | | | | | |
| 2 | Motor (3Ph) | | | | | | | |
| 3 | Gyser | | | | | | | 5 |
| 4 | Water Cooler | | | | | 1 | | |
| 5 | Other - | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - GIRLS HOSTEL 3

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | total |
|--------|-----------------------------------|--------------------------|----|----|----|----|----|----|-------|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | |
| | Fan | | | | | | | | 0 |
| 1 | Ceiling Fan | 2 | 20 | | 2 | 28 | 1 | | 53 |
| 2 | Exhaust Fan | 1 | | | | | | 7 | 8 |
| 3 | Bracket Fan | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | 0 |
| 5 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | 0 |
| 8 | Air Cooler | | | | | | 2 | | 2 |
| 9 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Lighting | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 5 | 22 | 2 | 3 | 26 | 21 | 4 | 83 |
| 2 | Tube Light 2 x 40 W | | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | | | | 0 |
| 4 | CFL DL 2 x 11 W | | | | | | 7 | | 7 |
| 5 | CFL DL 2 x 36 W | | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | | 0 |
| 7 | CFL INT 5 W | 2 | 18 | | 2 | 13 | | 16 | 51 |
| 8 | CFL SL 1x 36 W | | | | | | 16 | 3 | 19 |
| 9 | MV 125 W | | | | | | | | 0 |
| 10 | MH 70 W | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | 0 |
| 13 | Tube Light 1 x 36 W | | | | | | | | 0 |
| 14 | MH 125 w | | | | | | 5 | | 5 |
| | UPS (in-ph , out-ph) | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | | | 0 |

Table No-2.2

| | | | | | | | | | |
|---|--------------------|---|--|---|--|--|---|---|---|
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | 0 |
| 4 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Equipments | | | | | | | | 0 |
| 1 | Computer | | | 1 | | | | | 1 |
| 2 | Printer | | | | | | | | 0 |
| 3 | Xerox M/C | | | | | | | | 0 |
| 4 | Scanner | | | | | | | | 0 |
| 5 | TV | 1 | | | | | | | 1 |
| 6 | Computer ups | | | 1 | | | | | 1 |
| 7 | Gyser | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Other Units | | | | | | | | 0 |
| 1 | Motor (1Ph) | 1 | | | | | | | 1 |
| 2 | Motor (3Ph) | | | | | | | | 0 |
| 3 | Gyser | | | | | | | 5 | 5 |
| 4 | Water Cooler | | | | | | 1 | | 1 |
| 5 | Other - | | | | | | | | 0 |

| Abbreviations | |
|----------------------|---------------------------------|
| | Name of Room / Lab |
| R1 | Guest room & meter room |
| R2 | Room no 1-18(18 room)& room 20 |
| R3 | Computer room |
| R4 | Kitchen room |
| R5 | Room no 20-31(12 room)& room 32 |
| R6 | Passage & outside |
| R7 | Wash room |
| | |

| Table No. 2.1 | | | |
|-------------------------------|----------------------------|-------------|------------------------------------|
| Building Wise load surey | | | |
| Name of building -Guest House | | Guest House | |
| Name of Depett - | | Guest House | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 146.36 |
| 2 | Maximum Demand - | KVA (peak) | 14.92 |
| 3 | Power factor - | Nos. | 0.858 |
| 4 | Full load currunt - | AMP | 26.41 |
| 5 | Voltage at full load - | Volt | 323 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 090057 |
| | | | 11082560 |
| | | | 105115 |
| 8 | Energy meter test result - | - | OK |
| | | | OK |
| | | | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 40 |
| | | | 20 |
| | | | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 120 SQMM |
| | | | 0 |
| | | | 0 |

| Table No. 2.1 | | | |
|-------------------------------|----------------------------|-------------|------------------------------------|
| Building Wise load surey (AC) | | | |
| Name of building -Guest House | | Guest House | |
| Name of Depett - | | Guest House | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 73.18 |
| 2 | Maximum Demand - | KVA (peak) | 5.56 |
| 3 | Power factor - | Nos. | 0.703 |
| 4 | Full load currunt - | AMP | 8.60 |
| 5 | Voltage at full load - | Volt | 373 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 090057 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 120 SQMM |

| Table No. 2.1 | | | |
|----------------------------------|----------------------------|-------------|---------------|
| Building Wise load surey (Light) | | | |
| Name of building -Guest House | | Guest House | |
| Name of Depett - | | Guest House | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 71.68 |
| 2 | Maximum Demand - | KVA (peak) | 8.240 |
| 3 | Power factor - | Nos. | 0.951 |
| 4 | Full load currunt - | AMP | 12.807 |
| 5 | Voltage at full load - | Volt | 371 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 11082560 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 20 |
| 10 | Incoming cable size - | - | |

| Table No. 2.1 | | | |
|-------------------------------|----------------------------|-------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building -Guest House | | Guest House | |
| Name of Depett - | | Guest House | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 1.50 |
| 2 | Maximum Demand - | KVA (peak) | 1.127 |
| 3 | Power factor - | Nos. | 0.920 |
| 4 | Full load currunt - | AMP | 5 |
| 5 | Voltage at full load - | Volt | 225 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 105115 |
| 8 | Energy meter test result - | - | Meter is old. Needs replacement |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | |

Table No-2.2

Building wise load survey

Name of Building - Gest House

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | |
|--------|-----------------------------------|--------------------------|----------------|-------------|------------------|---------------------------------|----------------------------------|---------------------------------|
| | | Room 10 to 15 | VIP room 1 & 2 | Room 4 to 8 | VIP room 1,2 & 3 | Room 9, for safe 1 & for safe 2 | Reception, Kitchen & Dining Hall | Passage lights & Outside lights |
| | Fan | | | | | | | |
| 1 | Ceiling Fan | 6 | 4 | 10 | 6 | 4 | 7 | 8 |
| 2 | Exhaust Fan | 6 | 2 | 5 | 3 | | 3 | 1 |
| 3 | Bracket Fan | | | | | | | |
| 4 | Cabin Fan | | | | | | | |
| 5 | Other - | | | | | | | |
| | | | | | | | | |
| | Air Conditioner | | | | | | | |
| 1 | Air Conditioner (SS) 1.5 Ton | | 2 | 5 | 3 | | | |
| 2 | Air Conditioner (SS) (2 Ton) | 6 | 4 | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | |
| 8 | Air Cooler | | | | | | 2 | |
| 9 | Other - | | | | | | | |
| | | | | | | | | |
| | Lighting | | | | | | | |
| 1 | Tube Light 1 x 40 W | | | | | | | |
| 2 | Tube Light 2 x 40 W | | | | | | | |
| 3 | CFL DL 1 x 11 W | 6 | | | | 4 | 4 | |
| 4 | CFL DL 2 x 11 W | 30 | 30 | | | | | |
| 5 | T5 1 x 28 W | | | 5 | 3 | 1 | 7 | 7 |
| 6 | CFL INT 11 W | | 4 | | | | | 26 |
| 7 | CFL INT 5 W | 6 | | 15 | 9 | | | 3 |
| 8 | CFL INT 18 W | | | | | | 4 | 2 |
| 9 | CFL INT 36 W | | | | | | | 8 |
| 10 | CFL 1x 45 W | | | | | | 1 | |
| 11 | MV 125 W | | | | | | | |
| 12 | MH 70 W | | | | | | | |

Table No-2.2

| | | | | | | | | |
|----|------------------------------|---|---|---|---|---|---|---|
| 13 | MH 150 W | | | | | | | 2 |
| 14 | MH 250 W | | | | | | | |
| 15 | Bulb x 60 W | | | | | | | |
| 16 | LED - 1 x 0.5 W | | | 5 | 3 | 1 | | |
| | UPS (in-ph , out-ph) | | | | | | | |
| | UPS 3 kVA | | | | | | | |
| 1 | UPS 5 kVA | | | | | | | |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | |
| 4 | Other - | | | | | | | |
| | | | | | | | | |
| | Equipments | | | | | | | |
| 1 | Computer | | | | | | | |
| 2 | Printer | | | | | | | |
| 3 | Xerox M/C | | | | | | | |
| 4 | Scanner | | | | | | | |
| | | | | | | | | |
| 5 | Fridge | 6 | 2 | | 3 | | 2 | |
| 6 | TV | 6 | 2 | 5 | 3 | | | 2 |
| | | | | | | | | |
| | Other Units | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | |
| 3 | Gyser | 6 | 2 | 5 | 3 | | | 2 |
| 4 | Water Cooler | | | | | | | 2 |
| 5 | Other -Chakki | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - Gest House

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | Total |
|--------|-----------------------------------|--------------------------|----------------|-------------|------------------|---------------------------------|----------------------------------|---------------------------------|-------|
| | | Room 10 to 15 | VIP room 1 & 2 | Room 4 to 8 | VIP room 1,2 & 3 | Room 9, for safe 1 & for safe 2 | Reception, Kitchen & Dining Hall | Passage lights & Outside lights | |
| | Fan | | | | | | | | |
| 1 | Ceiling Fan | 6 | 4 | 10 | 6 | 4 | 7 | 8 | 45 |
| 2 | Exhaust Fan | 6 | 2 | 5 | 3 | | 3 | 1 | 20 |
| 3 | Bracket Fan | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | 0 |
| 5 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | 0 |
| 1 | Air Conditioner (SS) 1.5 Ton | | 2 | 5 | 3 | | | | 10 |
| 2 | Air Conditioner (SS) (2 Ton) | 6 | 4 | | | | | | 10 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | 0 |
| 8 | Air Cooler | | | | | | 2 | | 2 |
| 9 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Lighting | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | | | | | | | | 0 |
| 2 | Tube Light 2 x 40 W | | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | 6 | | | | 4 | 4 | | 14 |
| 4 | CFL DL 2 x 11 W | 30 | 30 | | | | | | 60 |
| 5 | T5 1 x 28 W | | | 5 | 3 | 1 | 7 | 7 | 23 |
| 6 | CFL INT 11 W | | 4 | | | | | 26 | 30 |
| 7 | CFL INT 5 W | 6 | | 15 | 9 | | | 3 | 33 |
| 8 | CFL INT 18 W | | | | | | 4 | 2 | 6 |
| 9 | CFL INT 36 W | | | | | | | 8 | 8 |
| 10 | CFL 1x 45 W | | | | | | 1 | | 1 |
| 11 | MV 125 W | | | | | | | | 0 |
| 12 | MH 70 W | | | | | | | | 0 |

Table No-2.2

| | | | | | | | | | |
|----|------------------------------|---|---|---|---|---|---|---|----|
| 13 | MH 150 W | | | | | | | 2 | 2 |
| 14 | MH 250 W | | | | | | | | 0 |
| 15 | Bulb x 60 W | | | | | | | | 0 |
| 16 | LED - 1 x 0.5 W | | | 5 | 3 | 1 | | | 9 |
| | UPS (in-ph , out-ph) | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | 0 |
| 4 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Equipments | | | | | | | | 0 |
| 1 | Computer | | | | | | | | 0 |
| 2 | Printer | | | | | | | | 0 |
| 3 | Xerox M/C | | | | | | | | 0 |
| 4 | Scanner | | | | | | | | 0 |
| 5 | Fridge | 6 | 2 | | 3 | | 2 | | 13 |
| 6 | TV | 6 | 2 | 5 | 3 | | | 2 | 18 |
| | Other Units | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | 0 |
| 3 | Gyser | 6 | 2 | 5 | 3 | | | 2 | 18 |
| 4 | Water Cooler | | | | | | | 2 | 2 |
| 5 | Other -Chakki | | | | | | | | 0 |

Abbreviations

| | Name of Room / Lab |
|----|-----------------------------------|
| R1 | Room 10 to 15 |
| R2 | VIP room 1 & 2 |
| R3 | Room 4 to 8 |
| R4 | VIP room 1,2 & 3 |
| R5 | Room 9 , for safe 1 & for safe 2 |
| R6 | Reception , Kitchen & Dining Hall |
| R7 | Passage lights & Outside lights |
| | |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--------------------------------|---------------------|
| Building Wise load surey | | | |
| Name of building - | | Guest room of Boys hostel NO-2 | |
| Name of Depett - | | Guest room of Boys hostel NO-2 | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.14 |
| 2 | Maximum Demand - | KVA (peak) | 0.10 |
| 3 | Power factor - | Nos. | 0.785 |
| 4 | Full load currunt - | AMP | 0.44 |
| 5 | Voltage at full load - | Volt | 224 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | - |
| 8 | Energy meter test result - | - | Meter Not available |
| 9 | Muliplying factor - | Nos. | |
| 10 | Incoming cable size - | - | |

| Table No-2.2 | | | |
|----------------------------------|-----------------------------------|----------------------------|-------|
| Building wise load survey | | | |
| Name of Building - Boys Hostel 2 | | | |
| Existing fitting details | | | |
| Sr. No | Appliances | Guest room & Security room | Total |
| | Fan | | 0 |
| 1 | Ceiling Fan | 2 | 2 |
| 2 | Exhaust Fan | | 0 |
| 3 | Bracket Fan | | 0 |
| 4 | Cabin Fan | | 0 |
| 5 | Other - | | 0 |
| | | | 0 |
| | Air Conditioner | | 0 |
| 1 | Windows A/C (1.5 Ton) | | 0 |
| 2 | Windows A/C (2 Ton) | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | 0 |
| 8 | Air Cooler | | 0 |
| 9 | Other - | | 0 |
| | | | 0 |
| | Lighting | | 0 |
| 1 | Tube Light 1 x 40 W | 2 | 2 |
| 2 | Tube Light 2 x 40 W | | 0 |
| 3 | CFL DL 1 x 18 W | | 0 |
| 4 | CFL DL 1 x 11 W | | 0 |
| 5 | CFL PL 1 x 36 W | | 0 |
| 6 | CFL PL 1 x 11 W | | 0 |
| 7 | CFL INT 5 W | 1 | 1 |
| 8 | CFL SL 1x 36 W | | 0 |
| | | | 0 |
| | UPS (in-ph , out-ph) | | 0 |
| | UPS 3 kVA | | 0 |
| 1 | UPS 5 kVA | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | 0 |
| 4 | Other - | | 0 |
| | | | 0 |
| | Equipments | | 0 |
| 1 | Computer | | 0 |
| 2 | Printer | | 0 |
| 3 | Xerox M/C | | 0 |
| 4 | Scanner | | 0 |
| 5 | Mixer | | 0 |
| 6 | TV | | 0 |
| 7 | Computer Ups | | 0 |
| | Server | | 0 |
| | Other Units | | 0 |
| 1 | Motor (1Ph) | | 0 |
| 2 | Motor (3Ph) | | 0 |
| 3 | Gyser | | 0 |
| 4 | Water Cooler | | 0 |
| | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---------------|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Health centre | |
| Name of Deptt- | | Health centre | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 4.99 |
| 2 | Maximum Demand - | KVA (peak) | 3.00 |
| 3 | Power factor - | Nos. | 0.921 |
| 4 | Full load currunt - | AMP | 4.38 |
| 5 | Voltage at full load - | Volt | 395 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | TPL385115 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 3.5C X 35 SQMM |

Table No-2.2

Building wise load survey

Name of Building - Health centre

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | |
|--------|-----------------------------------|--------------------------|---------|-----------|
| | | Main Area | Outside | Total |
| | Fan | | | 0 |
| 1 | Ceiling Fan | 8 | | 8 |
| 2 | Exhaust Fan | 2 | | 2 |
| 3 | Bracket Fan | | | 0 |
| 4 | Cabin Fan | | | 0 |
| 5 | Other - | | | 0 |
| | | | | 0 |
| | Air Conditioner | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | 0 |
| 2 | Windows A/C (2 Ton) | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | 0 |
| 8 | Air Cooler | | | 0 |
| 9 | Other - | | | 0 |
| | | | | 0 |
| | Lighting | | | 0 |
| 1 | Tube Light 1 x 40 W | 9 | 1 | 10 |
| 2 | Tube Light 2 x 40 W | | | 0 |
| 3 | CFL DL 1 x 11 W | | | 0 |
| 4 | CFL PL 2 x 11 W | 2 | 2 | 4 |
| 5 | CFL DL 2 x 36 W | | | 0 |
| 6 | CFL INT 11 W | | | 0 |
| 13 | Other - | | | 0 |
| | | | | 0 |
| | UPS (in-ph , out-ph) | | | 0 |
| | UPS 3 kVA | | | 0 |
| 1 | UPS 5 kVA | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | 0 |
| 4 | Other - | | | 0 |
| | | | | 0 |
| | Equipments | | | 0 |
| 1 | Computer | | | 0 |
| 2 | Printer | | | 0 |
| 3 | Xerox M/C | | | 0 |
| 4 | Scanner | | | 0 |
| 5 | Fridge | 1 | | 1 |
| 6 | Suction Apparatus | 1 | | 1 |
| 7 | Treadmill appartus | 1 | | 1 |
| 8 | Vibrator | 1 | | 1 |
| 9 | Semi Automatic anlyser | 1 | | 1 |
| 10 | Microscope | 1 | | 1 |
| 11 | Massage roller | 1 | | 1 |
| | Other Units | | | 0 |
| 1 | Motor (1Ph) | | | 0 |
| 2 | Motor (3Ph) | | | 0 |
| 3 | Gyser | | | 0 |
| 4 | Water Cooler | 1 | | 1 |
| 5 | Other - | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | | |
| Name of Depett - | | | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 87.06 |
| 2 | Maximum Demand - | KVA (peak) | 8.02 |
| 3 | Power factor - | Nos. | 0.908 |
| 4 | Full load currunt - | AMP | 12.07 |
| 5 | Voltage at full load - | Volt | 383 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3PL-26073 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 35 SQMM |

Table No-2.2

Building wise load survey

Name of Building - HOME SCIENCE

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | |
|--------|-----------------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 |
| | Fan | | | | | | | | | | | |
| 1 | Ceiling Fan | 2 | 1 | 1 | 2 | 6 | 13 | 4 | 19 | 5 | 7 | 18 |
| 2 | Exhaust Fan | | | | | | 4 | 1 | 2 | 1 | 1 | |
| 3 | Bracket Fan | | | | | | | | | | | |
| 4 | Cabin Fan | | | | | | | | | | | |
| 5 | Other - Pedastal Fan | | | | | | | | | | | |
| | Air Conditioner | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | 1 | | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | | | | |
| 4 | Air Conditioner (SS) (2 Ton) | 1 | | | | | | | | | | |
| 5 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | |
| 6 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | |
| 7 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | |
| 8 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | |
| 9 | Air Cooler | | | | | | | | | | | |
| | Other - | | | | | | | | | | | |
| | Lighting | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 3 | 3 | 3 | 3 | 9 | 13 | 6 | 28 | 7 | 9 | 27 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | | |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | | | | | |
| 7 | CFL INT 5 W | | | | | | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | | | |
| 10 | MH 70 W | | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | | |
| 13 | LED panal 1 x 18 W | | | | | | | | | | | |
| 14 | Moon light 1 x 60 W | | | | | | | | | | | |
| 15 | Tube Light 1 x 28 W | | | | | | | | | | | |
| 16 | Other - | | | | | | | | | | | |
| | UPS (in-ph , out-ph) | | | | | | | | | | | |
| | UPS 3 kVA | 1 | | | | | | | | | | |
| 1 | UPS 5 kVA | | | | | | | | | | | |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | |
| 4 | Other - | | | | | | | | | | | |
| | Equipments | | | | | | | | | | | |
| 1 | Computer | 9 | 1 | 1 | 1 | 1 | | 1 | | 4 | | |
| 2 | Printer | 1 | | | 1 | 1 | | | | | | |
| 4 | Scanner | 1 | 1 | | | | | | | | | |
| 5 | Scanner printer | | | 1 | | 1 | | 1 | | 1 | | |
| 6 | Projector | | | | | | | 1 | | | | 1 |
| 7 | DVD Player | | | 1 | | | | | | | | |
| 8 | Fridge | | | | | | 1 | | | | | |
| 9 | TV | | | | | | | | | 1 | 1 | |
| 10 | Washing machine | | | | | | | | | | 1 | |

Table No-2.2

Building wise load survey

Name of Building - HOME SCIENCE

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | |
|--------|---------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 |
| 11 | Ovan | | | | | | 2 | | | | | |
| 12 | Microwave ovan | | | | | | 2 | | 1 | | | |
| 13 | IFB Zephyr | | | | | | 1 | | | | | |
| 14 | Vaccume ovan machine | | | | | | | | 1 | | | |
| 15 | Automatic pipette machine | | | | | | | | 1 | | | |
| 16 | Soxhlet extractio mahchne | | | | | | | | 1 | | | |
| 17 | Biotechnique machine | | | | | | | | 1 | | | |
| 18 | Glass ware dryer | | | | | | | | 1 | | | |
| 19 | Genral purpose cntrifuge | | | | | | | | 1 | | | |
| 20 | Water bath | | | | | | | | 2 | | | |
| 21 | Incubulaor | | | | | | | | 2 | | | |
| 22 | Muffle furnace | | | | | | | | 2 | | | |
| 23 | Fibra flow | | | | | | | | 4 | | | |
| 24 | Vertical autoclave | | | | | | | | 2 | | | |
| 25 | pelican | | | | | | | | 2 | | | |
| 26 | Kel-flow | | | | | | | | 1 | | | |
| 27 | BOD incubulator | | | | | | | | 1 | | | |
| 28 | Hot air ovan | | | | | | | | 1 | | | |
| 29 | Tray dryer | | | | | | | | 1 | | | |
| 30 | Rescholar equipment | | | | | | | | 1 | | | |
| 31 | Laminar flow | | | | | | | | 1 | | | |
| 32 | Technosearch Instument | | | | | | 1 | | | | | |
| 33 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | Other Units | | | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | | |
| 4 | Water Cooler | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - HOME SCIENCE

Existing fitting details

| Sr. No | Appliances | | | | | | Total |
|--------|-----------------------------------|-----|-----|-----|-----|-----|-------|
| | | R12 | R13 | R14 | R15 | R16 | |
| | Fan | | | | | | 0 |
| 1 | Ceiling Fan | 10 | 4 | 6 | | | 98 |
| 2 | Exhaust Fan | | 1 | 2 | | 4 | 16 |
| 3 | Bracket Fan | | 10 | | | | 10 |
| 4 | Cabin Fan | | | | | | 0 |
| 5 | Other - Pedastal Fan | | 6 | | | | 6 |
| | | | | | | | 0 |
| | Air Conditioner | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | 1 |
| 2 | Windows A/C (2 Ton) | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | 0 |
| 4 | Air Conditioner (SS) (2 Ton) | | | | | | 1 |
| 5 | Air Conditioner (MS) (3 Ton) | | | | | | 0 |
| 6 | Air Conditioner (D) (5.5 Ton) | | | | | | 0 |
| 7 | Air Conditioner (D) (7.5 Ton) | | | | | | 0 |
| 8 | Air Conditioner (Casstte) (2 Ton) | | | | | | 0 |
| 9 | Air Cooler | | | | | | 0 |
| | Other - | | | | | | 0 |
| | Lighting | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 16 | | 13 | 2 | 2 | 144 |
| 2 | Tube Light 2 x 40 W | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | 5 | 3 | 8 |
| 4 | CFL DL 2 x 11 W | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | 3 | | 3 |
| 6 | CFL INT 11 W | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | 0 |
| 9 | MV 125 W | | | | | | 0 |
| 10 | MH 70 W | | | | 3 | | 3 |
| 11 | MH 150 W | | | | | | 0 |
| 12 | MH 250 W | | | | | | 0 |
| 13 | LED panal 1 x 18 W | | 52 | | | | 52 |
| 14 | Moon light 1 x 60 W | | | 1 | | | 1 |
| 15 | Tube Light 1 x 28 W | | | | 1 | | 1 |
| 16 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | 0 |
| | UPS 3 kVA | | | | | | 1 |
| 1 | UPS 5 kVA | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | 0 |
| 4 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Equipments | | | | | | 0 |
| 1 | Computer | | | | | | 18 |
| 2 | Printer | | | | | | 3 |
| 4 | Scanner | | | | | | 2 |
| 5 | Scanner printer | | | | | | 4 |
| 6 | Projector | 1 | | | | | 3 |
| 7 | DVD Player | | | | | | 1 |
| 8 | Fridge | | | | | | 1 |
| 9 | TV | | | | | | 2 |
| 10 | Washing machine | | | | | | 1 |

Table No-2.2

Building wise load survey

Name of Building - HOME SCIENCE

Existing fitting details

| Sr. No | Appliances | | | | | | Total |
|--------|---------------------------|-----|-----|-----|-----|-----|-------|
| | | R12 | R13 | R14 | R15 | R16 | |
| 11 | Ovan | | | | | | 2 |
| 12 | Microwave ovan | | | | | | 3 |
| 13 | IFB Zephyr | | | | | | 1 |
| 14 | Vaccume ovan machine | | | | | | 1 |
| 15 | Automatic pipette machine | | | | | | 1 |
| 16 | Soxhlet extractio mahchne | | | | | | 1 |
| 17 | Biotechnique machine | | | | | | 1 |
| 18 | Glass ware dryer | | | | | | 1 |
| 19 | Genral purpose cntrifuge | | | | | | 1 |
| 20 | Water bath | | | | | | 2 |
| 21 | Incubulaor | | | | | | 2 |
| 22 | Muffle furnace | | | | | | 2 |
| 23 | Fibra flow | | | | | | 4 |
| 24 | Vertical autoclave | | | | | | 2 |
| 25 | pelican | | | | | | 2 |
| 26 | Kel-flow | | | | | | 1 |
| 27 | BOD incubulator | | | | | | 1 |
| 28 | Hot air ovan | | | | | | 1 |
| 29 | Tray dryer | | | | | | 1 |
| 30 | Rescholar equipment | | | | | | 1 |
| 31 | Laminar flow | | | | | | 1 |
| 32 | Technosearch Instument | | | | | | 1 |
| 33 | | | | | | | 0 |
| | | | | | | | 0 |
| | Other Units | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | 0 |
| 3 | Gyser | | | | | | 0 |
| 4 | Water Cooler | | | | 2 | | 2 |
| 5 | Other - | | | | | | 0 |

Abbreviations

| | Name of Room / Lab |
|-----|-----------------------------|
| R1 | Comuter room |
| R2 | Office room |
| R3 | Contrubutory faculty room |
| R4 | Head proffesor room |
| R5 | proffesor room1,2 |
| R6 | Food Science Lab |
| R7 | Faculty meeting room |
| R8 | Biochemistry rom |
| R9 | Library |
| R10 | Resource management lab |
| R11 | 3 rooms of Msc part 1 |
| R12 | 2 rooms of Msc part 2 |
| R13 | studio (under construction) |
| R14 | residence house |
| R15 | Passage & ouside |
| R16 | Wash Room |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---------------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Hon. V.C's Bungalow | |
| Name of Depett - | | Hon. V.C's Bungalow | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 31.19 |
| 2 | Maximum Demand - | KVA (peak) | 14.1 |
| 3 | Power factor - | Nos. | 0.962 |
| 4 | Full load currunt - | AMP | 23.2 |
| 5 | Voltage at full load - | Volt | 350 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3PL- 26559 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 50 SQMM |

Table No-2.2

Building wise load survey

Name of Building - kulguru Niwas

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | | | Total |
|--------|-----------------------------------|--------------------------|---------|--------|----------|---------|-------------|------------|------|-------------|----------------|----------------|-----------|-----|-------|
| | | Outside | Passage | Office | Entrance | Kitchen | Panel Board | Guest Room | Hall | First Floor | Class IV Qtr 1 | Class IV Qtr 2 | Wash Room | R11 | |
| | Fan | | | | | | | | | | | | | | 0 |
| 1 | Ceiling Fan | | 1 | 3 | | 2 | | 1 | 4 | 3 | 1 | 1 | | | 16 |
| 2 | Exhaust Fan | | | 1 | | | | 2 | | 4 | | | | | 7 |
| 3 | Bracket Fan | | | | | | | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | 1 | | 3 | | | | | 4 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | | | | 0 |
| 8 | Air Cooler | | | | | | | | | | | | | | 0 |
| 9 | Other - | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | 0 |
| | Lighting | | | | | | | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | | 3 | 4 | | 3 | 1 | 2 | 5 | 4 | 1 | 1 | 1 | | 25 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | 6 | | | | | 6 |
| 3 | CFL DL 1 x 11 W | | 1 | 1 | | | | 1 | | 10 | | | | | 13 |
| 4 | CFL DL 1 x 18 W | | | | | | | | | | | | | | 0 |
| 5 | CFL DL 1 x 36 W | | | | | | | | | | | | | | 0 |
| 6 | CFL INT 11 W | 3 | | | 1 | | | 2 | | 4 | 1 | 1 | | | 12 |
| 7 | CFL INT 5 W | | | 2 | 2 | | 1 | 1 | 2 | 1 | 1 | 1 | 3 | | 14 |
| 8 | CFL SL 1x 36 W | 13 | | | | | | | | | | | | | 13 |
| 9 | MV 125 W | 9 | | | | | | | | | | | | | 9 |
| 10 | MH 70 W | | | | | | | | | | | | | | 0 |
| 11 | MH 150 W | 1 | | | | | | | | | | | | | 1 |
| 12 | MH 250 W | 2 | | | | | | | | | | | | | 2 |
| 13 | Bulb 1 x 15 W | | | | | | | | | | | | | | 0 |
| | PL 11W x 2 | | | | 5 | | | | | | | | | | 5 |
| | CFL 18 X 2 | | | | | | | | 7 | 1 | | | | | 8 |
| | UPS (in-ph , out-ph) | | | | | | | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | | | | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | | | | 0 |
| 4 | Other - | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | 0 |
| | Equipments | | | | | | | | | | | | | | 0 |
| 1 | Computer | | | | | | | | 1 | | | | | | 1 |
| 2 | Printer | | | | | | | | 1 | | | | | | 1 |
| 3 | Xerox M/C | | | | | | | | | | | | | | 0 |
| 4 | Scanner | | | | | | | | | | | | | | 0 |
| 5 | T.V | | | | | | | | 1 | 1 | | | | | 2 |
| 6 | Microoven | | | | | | | | | | | | | | 0 |
| 7 | washing Machine | | | | | | 1 | | | | | | | | 1 |
| 8 | Fridge | | | | | 1 | | | 1 | | | | | | 2 |
| | Oven | | | | | 1 | | | | | | | | | 1 |
| | Mixer | | | | | 1 | | | | | | | | | 1 |
| | RO | | | | | 1 | | | | | | | | | 1 |

Table No-2.2

Building wise load survey

Name of Building - kulguru Niwas

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | | | | | Total | |
|--------|--------------------|--------------------------|---------|--------|----------|---------|-------------|------------|------|-------------|----------------|----------------|-----------|-----|--|-------|---|
| | | Outside | Passage | Office | Entrance | Kitchen | Panel Board | Guest Room | Hall | First Floor | Class IV Qtr 1 | Class IV Qtr 2 | Wash Room | R11 | | | |
| | Inverter | | | | | | 1 | | | | | | | | | | 1 |
| | Fax | | | | | | | | | | 1 | | | | | | 1 |
| | Other Units | | | | | | | | | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | | | | | | | | 1 | 1 |
| 3 | Gyser | | | | | | | | 1 | | 2 | | | | | | 3 |
| 4 | Water Cooler | | | | | | | | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | | | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Human Resource Development centre (ASC) | |
| Name of Depett - | | Human Resource Development centre (ASC) | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 42.38 |
| 2 | Maximum Demand - | KVA (peak) | 17.0 |
| 3 | Power factor - | Nos. | 0.898 |
| 4 | Full load currunt - | AMP | 25.4 |
| 5 | Voltage at full load - | Volt | 386 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 11082107 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 20 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5CX 50 SQMM |

Table No-2.2

Building wise load survey

Name of Building -Human Resource Dept.

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | Total |
|--------|-----------------------------------|--------------------------|----|----|----|----|----|----|----|-------|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | |
| | Fan | | | | | | | | | 0 |
| 1 | Ceiling Fan | 4 | 7 | 2 | 7 | 2 | 3 | | | 25 |
| 2 | Exhaust Fan | 2 | | | | | | | 12 | 14 |
| 3 | Bracket Fan | | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | | 0 |
| 5 | Other - | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | 2 | 2 | 3 | 2 | 2 | | | | 11 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | 0 |
| 8 | Air Cooler | 2 | | | | | 1 | | | 3 |
| 9 | Other - | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | Lighting | | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 4 | 6 | | 9 | 2 | 2 | 8 | 4 | 35 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | 0 |
| 3 | CFL DL 1 x 15 W | 1 | | | 5 | | | | | 6 |
| 4 | CFL DL 2 x 11 W | | | | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | | | | | 0 |
| 6 | CFL INT 18 W | | 2 | | | | | | | 2 |
| 7 | CFL INT 5 W | | | | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | | | | 0 |
| 10 | MH 70 W | | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | | 0 |
| 13 | Tube Light 1 x 28 W | 3 | 2 | 4 | 2 | 2 | 2 | | | 15 |
| | | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | | 2 | | 2 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | 0 |
| 4 | Other - | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | Equipments | | | | | | | | | 0 |
| 1 | Computer | 2 | | 24 | | | 1 | | | 27 |
| 2 | Printer | 2 | | 2 | | | | | | 4 |
| 3 | Xerox M/C | 1 | | | | | | | | 1 |
| 4 | Scanner | | | 2 | | | | | | 2 |
| 5 | Fridge | 1 | | | | | | | | 1 |
| | TV | 1 | | | 1 | | | | | 2 |
| | | | | | | | | | | 0 |
| | Projector | | | 1 | | | | | | 1 |
| | Server | | | 1 | | | | | | 1 |
| | | | | | | | | | | 0 |
| | Other Units | | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | 1 | | 1 |
| 2 | Motor (3Ph) | | | | | | | | | 0 |
| 3 | Gyser | | | | | | | | | 0 |

Table No-2.2

Building wise load survey

Name of Building -Human Resource Dept.

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | |
|--------|--------------|--------------------------|----|----|----|----|----|----|----|-------|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | Total |
| 4 | Water Cooler | | | | 1 | | | | | 1 |
| 5 | Other - | | | | | | | | | 0 |

Abbreviations

| | Name of Room / Lab |
|----|-------------------------------------|
| R1 | director office & Office |
| R2 | Lecture hall 1 , 2 & 3 |
| R3 | Computer lab |
| R4 | Library, Dining Hall & reading room |
| R5 | Store Room |
| R6 | Teaching room |
| R7 | Passage |
| R8 | Wash Room |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|------------------|-----------------------------------|
| Building Wise load survey | | | |
| Name of building - | | HRDC Guest House | |
| Name of Depett - | | HRDC Guest House | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 9.69 |
| 2 | Maximum Demand - | KVA (peak) | 4.84 |
| 3 | Power factor - | Nos. | 0.80 |
| 4 | Full load currunt - | AMP | 12.36 |
| 5 | Voltage at full load - | Volt | 392.00 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | NA |
| 8 | Energy meter test result - | - | Meter Not available |
| 9 | Multiplying factor - | Nos. | NA |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 95 SQMM |

| Table No-2.2 | | | |
|----------------------------------|------------------------------------|---------------------------------|--------------|
| Building wise load survey | | | |
| Name of Building - | | HRDC Guest House | |
| Existing fitting details | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | |
| | | R1 | Total |
| | Fan | | |
| 1 | Ceiling Fan | 29 | 29 |
| 2 | Exhaust Fan | 18 | 18 |
| 3 | Bracket Fan | | 0 |
| 4 | Cabin Fan | | 0 |
| 5 | Other - | | 0 |
| | | | |
| | Air Conditioner | | |
| 1 | Windows A/C (1.5 Ton) | | 0 |
| 2 | Windows A/C (1 Ton) | | 0 |
| 3 | Air Conditioner (SS) (1 Ton) | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | 0 |
| 7 | Air Conditioner (Cassette) (2 Ton) | | 0 |
| 8 | Air Cooler | | 0 |
| 9 | Other - | | 0 |
| | | | |
| | Lighting | | |
| 1 | Tube Light 1 x 40 W | | 0 |
| 2 | Tube Light 2 x 40 W | | 0 |
| 3 | CFL DL 1 x 11 W | 33 | 33 |
| 4 | CFL DL 1 x 18 W | | 0 |
| 5 | CFL DL 1 x 36 W | | 0 |
| 6 | LED INT 5 W | 14 | 14 |
| 7 | CFL INT 60 W | | 0 |
| 8 | CFL SL 1x 36 W | 56 | 56 |
| 9 | MV 125 W | | 0 |
| 10 | MH 70 W | | 0 |
| 11 | MH 150 W | | 0 |
| 12 | MH 250 W | 2 | 2 |
| 13 | Tube Light 1 x 36 W | | |
| 14 | Other - Bulb 1 x 15 W | | 0 |
| | | | |
| | UPS (in-ph , out-ph) | | |
| 1 | UPS 1 kVA | | 0 |

| Table No-2.2 | | | |
|----------------------------------|------------------------|---------------------------------|--------------|
| Building wise load survey | | | |
| Name of Building - | | HRDC Guest House | |
| Existing fitting details | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | |
| | | R1 | Total |
| 2 | UPS 5 kVA | | 0 |
| 3 | UPS 10 kVA (1 Ph) | | 0 |
| 4 | UPS 10 kVA (3 Ph) | | 0 |
| 5 | Other - | | 0 |
| | | | |
| | Equipments | | |
| 1 | Computer | | 0 |
| 2 | Printer | | 0 |
| 3 | Xerox M/C | | 0 |
| 4 | Scanner | | 0 |
| 5 | Other - T.V | | 0 |
| 6 | Printing machine | | 0 |
| 7 | cash counting machine | | 0 |
| 8 | Fridge | | 0 |
| | Other Units | | |
| 1 | Motor (1Ph) | | 0 |
| 2 | Motor (3Ph) | | 0 |
| 3 | Geyser | 2 | 2 |
| 4 | Water Cooler | | 0 |
| 5 | Other - Water Purifier | 1 | 1 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | IQAC Building | |
| Name of Depett - | | IQAC Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 20 |
| 2 | Maximum Demand - | KVA (peak) | 11.07 |
| 3 | Power factor - | Nos. | 0.900 |
| 4 | Full load currunt - | AMP | 28 |
| 5 | Voltage at full load - | Volt | 391 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 9807952 |
| | | - | 1C 468236 |
| 8 | Energy meter test result - | - | OK |
| | | - | - |
| 9 | Muliplying factor - | Nos. | 40 |
| | | - | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 35 SQMM |
| | | - | ARM. CABLE ALU. 3.5C X 50 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | IQAC Building | |
| Name of Depett - | | IQAC Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 6.26 |
| 2 | Maximum Demand - | KVA (peak) | 4.38 |
| 3 | Power factor - | Nos. | 0.900 |
| 4 | Full load currunt - | AMP | 11.24 |
| 5 | Voltage at full load - | Volt | 390 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 9807952 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 35 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | IQAC Building | |
| Name of Depett - | | IQAC Building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 13.36 |
| 2 | Maximum Demand - | KVA (peak) | 6.68 |
| 3 | Power factor - | Nos. | 0.900 |
| 4 | Full load currunt - | AMP | 17.04 |
| 5 | Voltage at full load - | Volt | 392 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1C 468236 |
| 8 | Energy meter test result - | - | - |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 50 SQMM |

Table No-2.2

Building wise load survey

Name of Building - IQAC Building

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | Total |
|--------|-----------------------------------|--------------------------|--------------|---------------|---------|-----------------------------|-------------------|-----------|-------|
| | | office room | Meeting hall | Director room | Kitchen | ARC Office + Professor room | Passage & outside | wash Room | |
| | Fan | | | | | | | | |
| 1 | Ceiling Fan | 2 | 3 | 2 | 1 | 6 | 2 | | 16 |
| 2 | Exhaust Fan | | | | | | | 9 | 9 |
| 3 | Bracket Fan | | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | | 0 |
| 5 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Air Conditioner | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | 1 | 2 | 1 | | | | | 4 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | 0 |
| 8 | Air Cooler | | | | | | | | 0 |
| 9 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Lighting | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | | | | | | 1 | | 1 |
| 2 | Tube Light 1 x 28 W | 4 | 4 | 4 | 1 | 8 | 4 | 28 | 53 |
| 3 | CFL DL 1 x 11 W | | | | | | 1 | | 1 |
| 4 | CFL PL 1 x 36 W | | | | | | 4 | | 4 |
| 5 | CFL PL 1 x 11 W | | | | | | 9 | | 9 |
| 6 | CFL INT 11 W | | | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | | | 0 |
| 10 | MH 70 W | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | 0 |
| 13 | TUBE LIGHT 1 X 36 W | | | | | | 4 | | 4 |
| 14 | Bulb 1 x 60 W | | | | | | 1 | | 1 |
| 15 | Moon Light 1 x 15 W | | | | | | | 8 | 8 |
| | | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | | 0 |
| 1 | UPS 5 kVA | | | | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | 0 |
| 4 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | Equipments | | | | | | | | 0 |

Table No-2.2

Building wise load survey

Name of Building - IQAC Building

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | Total |
|--------|--------------------|--------------------------|--------------|---------------|---------|-----------------------------|-------------------|-----------|-------|
| | | office room | Meeting hall | Director room | Kitchen | ARC Office + Professor room | Passage & outside | wash Room | |
| 1 | Computer | 2 | 2 | 3 | | 2 | | | 9 |
| 2 | Printer | 1 | | 2 | 1 | 1 | | | 5 |
| 3 | Xerox M/C | 1 | | 1 | | | | | 2 |
| 4 | Scanner | | | | | | | | 0 |
| 5 | Fridge | 1 | | | | | | | 1 |
| 6 | Projector | | 1 | | | | | | 1 |
| 7 | Server | | | 1 | | | | | 1 |
| | Other Units | | | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | 0 |
| 3 | Gyser | | | | | | | | 0 |
| 4 | Water Cooler | | | | 1 | | | | 1 |
| | | | | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|-------------------|----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Karmachari Bhavan | |
| Name of Depett - | | Karmachari Bhavan | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 13.43 |
| 2 | Maximum Demand - | KVA (peak) | 6.717 |
| 3 | Power factor - | Nos. | 0.88 |
| 4 | Full load currunt - | AMP | 17.4 |
| 5 | Voltage at full load - | Volt | 385 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 10829 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE. ALU. 4C X 16 SQMM |

Table No-2.2**Building wise load survey****Name of Building - Karmachari Bhavan & Guest House****Existing fitting details**

| Sr. No | Appliances | Room / Lab wise Quantity | | | | Total |
|--------|-----------------------------------|--------------------------|------------|-------------------|-----------|-------|
| | | Karmachari Bhavan | Guest Houe | Passage & Outside | Wash room | |
| | Fan | | | | | |
| 1 | Ceiling Fan | 12 | 9 | 2 | | 23 |
| 2 | Exhaust Fan | | 3 | | 4 | 7 |
| 3 | Bracket Fan | | | | | 0 |
| 4 | Cabin Fan | | | | | 0 |
| 5 | Other - | | | | | 0 |
| | | | | | | 0 |
| | Air Conditioner | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | 0 |
| 8 | Air Cooler | | | | | 0 |
| 9 | Other - | | | | | 0 |
| | | | | | | 0 |
| | Lighting | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 16 | | 6 | 4 | 26 |
| 2 | Tube Light 1 x 28 W | | 15 | | | 15 |
| 3 | CFL DL 1 x 11 W | | | | | 0 |
| 4 | CFL DL 2 x 11 W | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | 0 |
| 6 | CFL INT 11 W | | | | | 0 |
| 7 | CFL INT 5 W | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | 0 |
| 9 | MV 125 W | | | | | 0 |
| 10 | MH 70 W | | | | | 0 |
| 11 | MH 150 W | | | | | 0 |
| 12 | MH 250 W | | | 5 | | 5 |
| 13 | LED 1 x 18 W | | 8 | | | 8 |
| 14 | Moon light 1 x 15 W | | 4 | | | 4 |
| 15 | LED 1 x 25 W | | | 6 | | 6 |

Table No-2.2**Building wise load survey****Name of Building - Karmachari Bhavan & Guest House****Existing fitting details**

| Sr. No | Appliances | Room / Lab wise Quantity | | | | Total |
|--------|------------------------------|--------------------------|------------|-------------------|-----------|-------|
| | | Karmachari Bhavan | Guest Houe | Passage & Outside | Wash room | |
| | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | 0 |
| | UPS 3 kVA | | | | | 0 |
| 1 | UPS 5 kVA | | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | 0 |
| 4 | Other - | | | | | 0 |
| | | | | | | 0 |
| | Equipments | | | | | 0 |
| 1 | Computer | | | | | 0 |
| 2 | Printer | | | | | 0 |
| 3 | Xerox M/C | | | | | 0 |
| 4 | Scanner | | | | | 0 |
| 5 | TV | 1 | | | | 1 |
| | | | | | | 0 |
| | Other Units | | | | | 0 |
| 1 | Motor (1Ph) | | | | | 0 |
| 2 | Motor (3Ph) | | | | | 0 |
| 3 | Gyser | | 2 | | | 2 |
| 4 | Water Cooler | | | 1 | | 1 |
| 5 | Other - | | | | | 0 |

| Table No. 2.1 | | | |
|-------------------------------|----------------------------|--|---------------------------------|
| Building Wise load surey (AC) | | | |
| Name of building - | | Khansama Qtr(IGNOU)- Near Guest House | |
| Name of Depett - | | Khansama Qtr(IGNOU)- Near Guest House | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.32 |
| 2 | Maximum Demand - | KVA (peak) | 0.26 |
| 3 | Power factor - | Nos. | 0.900 |
| 4 | Full load currunt - | AMP | 1.11 |
| 5 | Voltage at full load - | Volt | 231 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 10528 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 2C X 10 SQMM |

Table No-2.2**Building wise load survey****Name of Building - Gest House****Existing fitting details**

| Sr. No | Appliances | Room / Lab wise Quantity | |
|--------|-----------------------------------|--------------------------|-------|
| | | R1 | Total |
| | Fan | | |
| 1 | Ceiling Fan | 2 | 2 |
| 2 | Exhaust Fan | 1 | 1 |
| 3 | Bracket Fan | | 0 |
| 4 | Cabin Fan | | 0 |
| 5 | Other - | | 0 |
| | | | 0 |
| | Air Conditioner | | 0 |
| 1 | Air Conditioner (SS) 1.5 Ton) | | 0 |
| 2 | Air Conditioner (SS) (2 Ton) | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | 0 |
| 8 | Air Cooler | | 0 |
| 9 | Other - | | 0 |
| | | | 0 |
| | Lighting | | 0 |
| 1 | Tube Light 1 x 40 W | 2 | 2 |
| 2 | Tube Light 2 x 40 W | | 0 |
| 3 | CFL DL 1 x 11 W | | 0 |
| 4 | CFL DL 2 x 11 W | | 0 |
| 5 | CFL DL 1 x 28 W | | 0 |
| 6 | CFL INT 11 W | | 0 |
| 7 | CFL INT 5 W | 4 | 4 |
| 8 | CFL INT 18 W | | 0 |
| 9 | CFL INT 36 W | | 0 |
| 10 | CFL 1x 45 W | | 0 |
| 11 | MV 125 W | | 0 |
| 12 | MH 70 W | | 0 |
| 13 | MH 150 W | | 0 |
| 14 | MH 250 W | | 0 |
| 15 | Bulb x 60 W | | 0 |
| 16 | LED - 1 x 0.5 W | | 0 |
| | UPS (in-ph , out-ph) | | 0 |

Table No-2.2**Building wise load survey****Name of Building - Gest House****Existing fitting details**

| Sr. No | Appliances | Room / Lab wise Quantity | |
|---------------|--------------------|---------------------------------|--------------|
| | | R1 | Total |
| | UPS 3 kVA | | 0 |
| 1 | UPS 5 kVA | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | 0 |
| 4 | Other - | | 0 |
| | | | 0 |
| | Equipments | | 0 |
| 1 | Computer | | 0 |
| 2 | Printer | | 0 |
| 3 | Xerox M/C | | 0 |
| 4 | Scanner | | 0 |
| 5 | Fridge | | 0 |
| 6 | TV | | 0 |
| | Other Units | | 0 |
| 1 | Motor (1Ph) | | 0 |
| 2 | Motor (3Ph) | | 0 |
| 3 | Gyser | | 0 |
| 4 | Water Cooler | | 0 |
| 5 | Other -Chakki | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | | |
| Name of Depett - | | | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 49.14 |
| 2 | Maximum Demand - | KVA (peak) | 5.92 |
| 3 | Power factor - | Nos. | 0.934 |
| 4 | Full load currunt - | AMP | 8.98 |
| 5 | Voltage at full load - | Volt | 381 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 093062 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 95 SQMM |

Table No-2.2

Building wise load survey

Name of Building - CIC Lab

Existing fitting details

| Sr.No | Appliances | Room / Lab wise Quantity | | | | | | Total |
|-------|-----------------------------------|--------------------------|----|----|----|----|----|-------|
| | | R1 | R2 | R3 | R4 | R5 | R6 | |
| | Fan | | | | | | | |
| 1 | Ceiling Fan | 2 | 1 | 1 | 1 | | 2 | 7 |
| 2 | Exhaust Fan | | | | | | | 0 |
| 3 | Bracket Fan | | | | | | | 0 |
| 4 | Cabin Fan | | | | | | | 0 |
| 5 | Other - | | | | | | | 0 |
| | | | | | | | | 0 |
| | Air Conditioner | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | 0 |
| 6 | Air Conditioner (D) (8.75 Ton) | | | | | 2 | | 2 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | 0 |
| 8 | Air Cooler | | | | | | | 0 |
| 9 | Other - | | | | | | | 0 |
| | | | | | | | | 0 |
| | Lighting | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | | | | | | | 0 |
| 2 | Tube Light 2 x 40 W | | | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | | 10 | | 10 |
| 4 | CFL DL 2 x 11 W | 4 | | | | | | 4 |
| 5 | CFL DL 2 x 36 W | | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | | 0 |
| 9 | MV 125 W | | | | | | | 0 |
| 10 | MH 70 W | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | 0 |
| 13 | Tube Light 2 x 28 W | 4 | 4 | 4 | 4 | | 12 | 28 |
| 14 | Tube Light 1 x 36 W | | | | | 2 | | 2 |
| | | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | | 0 |
| | UPS 3 kVA | 1 | | | | | | 1 |

Table No-2.2

Building wise load survey

Name of Building - CIC Lab

Existing fitting details

| Sr.No | Appliances | Room / Lab wise Quantity | | | | | | Total |
|-------|--------------------------------------|--------------------------|----|----|----|----|----|-------|
| | | R1 | R2 | R3 | R4 | R5 | R6 | |
| 1 | UPS 5 kVA | | 1 | | | 1 | | 2 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | 0 |
| 4 | Other - | | | | | | | 0 |
| | | | | | | | | 0 |
| | Equipments | | | | | | | 0 |
| 1 | Computer | 4 | 1 | 2 | 1 | | 6 | 14 |
| 2 | Printer | | | | 1 | | 1 | 2 |
| 3 | Xerox M/C | | | | | | | 0 |
| 4 | Projector | | | | | | 1 | 1 |
| 5 | Scanner | | | | | | | 0 |
| 6 | Precision Impedance Analyzer | 1 | | | | | | 1 |
| 7 | Radwag | 1 | | | | | | 1 |
| 8 | Remi R-8C | 1 | | | | | | 1 |
| 9 | Heto lypo pro 3000 | 1 | | | | | | 1 |
| 10 | Tali Image Based Cytometer | 1 | | | | | | 1 |
| 11 | Zeiss | 1 | | | | | | 1 |
| 12 | Carl zeiss | 1 | | | | | | 1 |
| 13 | Gas Chromoto graph | | 1 | | | | | 1 |
| 14 | FTIR | | 1 | | | | | 1 |
| 15 | Automic Absorption Spectrophotometer | | | 1 | | | | 1 |
| 16 | UV-VIS Spectrophotometer | | | 1 | | | | 1 |
| 17 | Pekin Elomer | | | | 1 | | | 1 |
| 18 | Agilent | | | | 2 | | | 2 |
| 19 | Oscilloscope | | | | 1 | | | 1 |
| 20 | Pulse Gennrator | | | | 1 | | | 1 |
| 21 | Digital Oscilloscope | | | | 1 | | | 1 |
| | | | | | | | | 0 |
| | Other Units | | | | | | | 0 |
| 1 | Motor (1Ph) | 1 | | | | | | 1 |
| 2 | Motor (3Ph) | | | | | | | 0 |
| 3 | Gyser | | | | | | | 0 |
| 4 | Water Cooler | | | | | | | 0 |
| 5 | Other - | | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | | |
| Name of Depett - | | | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 23.35 |
| 2 | Maximum Demand - | KVA (peak) | 9.3396 |
| 3 | Power factor - | Nos. | 0.89 |
| 4 | Full load currunt - | AMP | 24.01 |
| 5 | Voltage at full load - | Volt | 389 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 109776 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 70 SQMM |

| Table No-2.2 | | | | |
|-----------------------------------|-----------------------------------|---------------------------------|------------------|--------------|
| Building wise load survey | | | | |
| Name of Building - FAB LAB | | | | |
| Existing fitting details | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | Total |
| | | Outside light | Lab Rooms | |
| | Fan | | | |
| 1 | Ceiling Fan | | 16 | 16 |
| 2 | Exhaust Fan | | 3 | 3 |
| 3 | Bracket Fan | | | 0 |
| 4 | Cabin Fan | | | 0 |
| 5 | Other - | | | 0 |
| | | | | 0 |
| | Air Conditioner | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | 0 |
| 2 | Windows A/C (2 Ton) | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | 0 |
| 8 | Air Cooler | | | 0 |
| 9 | Other - | | | 0 |
| | | | | 0 |
| | Lighting | | | 0 |
| 1 | Tube Light 1 x 40 W | 1 | 21 | 22 |
| 2 | Tube Light 2 x 40 W | | | 0 |
| 3 | CFL DL 1 x 11 W | | | 0 |
| 4 | CFL DL 2 x 18 W | | | 0 |
| 5 | CFL DL 2 x 36 W | | | 0 |
| 6 | CFL INT 11 W | | | 0 |
| 7 | CFL INT 5 W | | | 0 |
| 8 | CFL SL 1x 36 W | 1 | | 1 |
| 9 | MV 125 W | | | 0 |
| 10 | MH 70 W | | | 0 |
| 11 | MH 150 W | | | 0 |
| 12 | MH 250 W | | | 0 |
| 13 | Other - Bulb 1 x 15 W | | | 0 |
| | | | | 0 |
| | UPS (in-ph , out-ph) | | | 0 |
| | UPS 3 kVA | | | 0 |
| 1 | UPS 5 kVA | | 3 | 3 |

| Table No-2.2 | | | | |
|-----------------------------------|----------------------|---------------------------------|------------------|--------------|
| Building wise load survey | | | | |
| Name of Building - FAB LAB | | | | |
| Existing fitting details | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | Total |
| | | Outside light | Lab Rooms | |
| 2 | UPS 10 kVA (1 Ph) | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | 0 |
| 4 | Other - | | | 0 |
| | | | | 0 |
| | Equipments | | | 0 |
| 1 | Computer | | 3 | 3 |
| 2 | Printer | | 1 | 1 |
| 3 | Xerox M/C | | | 0 |
| 4 | Scanner | | 1 | 1 |
| 5 | Other - T.V | | | 0 |
| 6 | Microoven | | | 0 |
| 7 | washing Machine | | | 0 |
| 8 | Fridge | | | 0 |
| 9 | CNC Mill | | 1 | 1 |
| 10 | CNC Lathe | | 1 | 1 |
| 11 | Desktop Mill | | 1 | 1 |
| 12 | LP;Log Legend 36 X T | | 1 | 1 |
| 13 | 3D Printer | | 1 | 1 |
| | Other Units | | | 0 |
| 1 | Motor (1Ph) | | | 0 |
| 2 | Motor (3Ph) | | | 0 |
| 3 | Gyser | | | 0 |
| 4 | Water Cooler | | 1 | 1 |
| 5 | Other - | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Library Building | |
| Name of Depett - | | Library Building | |
| 1 | Connected Load - | KW | 266 |
| 2 | Maximum Demand - | KVA (peak) | 40.54 |
| 3 | Power factor - | Nos. | 0.926 |
| 4 | Full load currunt - | AMP | 63 |
| 5 | Voltage at full load - | Volt | 377 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 079514 |
| | | - | 1387964 |
| 8 | Energy meter test result - | - | OK |
| | | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| | | - | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU.3.5C X 185 SQMM |
| | | - | ARM.CABLE ALU 3.5C X 70 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Library Building | |
| Name of Depett - | | Library Building | |
| 1 | Connected Load - | KW | 232.33 |
| 2 | Maximum Demand - | KVA (peak) | 32.52 |
| 3 | Power factor - | Nos. | 0.943 |
| 4 | Full load currunt - | AMP | 50.633 |
| 5 | Voltage at full load - | Volt | 370.849 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 1K 079514 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU.3.5C X 185 SQMM |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Library Building | |
| Name of Depett - | | Library Building | |
| Sr No | Perticular | Unit | Value/Details |
| 3 | Connected Load - | KW | 33.27 |
| 4 | Maximum Demand - | KVA (peak) | 8.02 |
| 5 | Power factor - | Nos. | 0.908 |
| 6 | Full load currunt - | AMP | 12.074 |
| 7 | Voltage at full load - | Volt | 383.289 |
| 8 | Earth test Result - | - | OK |
| 9 | Energy meter sr. no. | - | 1387964 |
| 10 | Energy meter test result - | - | OK |
| 11 | Muliplying factor - | Nos. | 40 |
| 12 | Incoming cable size - | - | ARM.CABLE ALU 3.5C X 70 SQMM |

| Table No-2.2 | | | | | | | | | | | | |
|-------------------------------------|-----------------------------------|--------------------------|----------------------|-----------------|---------------|------------------------|------------------------|---------------------|---------------|---------|-----------------------|--------------------|
| Building wise load survey | | | | | | | | | | | | |
| Name of Building - Library Building | | | | | | | | | | | | |
| Existing fitting details | | | | | | | | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | |
| | | Administr ation section | University Librarian | Committe e Hall | Enabling unit | Acquisitat ion section | Grantho Parjan section | Assistant Librarian | Retiring room | Stack-1 | Assistant Librarian 1 | Periodical section |
| | Fan | | | | | | | | | | | |
| 1 | Ceiling Fan | 4 | 4 | 3 | 4 | 14 | 18 | 4 | 2 | 5 | 2 | 60 |
| 2 | Exhaust Fan | | 2 | | | | | | 2 | 6 | | |
| 3 | Bracket Fan | | | | | | | 6 | | 52 | | |
| 4 | Cabin Fan | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |
| | Air Conditioner | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | |
| 2 | Air Conditioner (SS) (2 Ton) | | | 3 | | | | 2 | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | 2 | | | | | | | | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | |
| 6 | Air Conditioner (D) (8.75 Ton) | | | | | | | | | | | 3 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | | |
| 8 | Air Cooler | | | | | | 1 | | | | 1 | |
| 9 | Other - | | | | | | | | | | | |
| | Lighting | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 6 | 11 | 2 | 6 | 29 | 20 | 4 | 4 | 82 | | |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | | 11 |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | |
| 6 | CFL INT 1 x 11 W | | 2 | | | | | | | | | |
| 7 | CFL INT 5 W | | | | | | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | | | |
| 10 | MH 70 W | | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | | |
| 13 | Tube light 1 x 36 W | | 4 | 10 | | | | | | | 8 | |
| 14 | Tube light 2 x 36 W | | | | | | | | | | | 57 |
| | UPS (in-ph , out-ph) | | | | | | | | | | | |
| | UPS 3 kVA | | | | | | | 1 | | | | 1 |
| 1 | UPS 5 kVA | | | | | 2 | | | | | | |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | |
| 4 | Other - | | | | | | | | | | | |
| | Equipments | | | | | | | | | | | |
| 1 | Computer | 1 | 1 | | 3 | | 4 | | | 2 | 1 | 8 |
| 2 | Printer | 1 | 1 | | 1 | | 2 | | | | 1 | 1 |
| 3 | Xerox M/C | | | 1 | | | | | | | | |
| 4 | Scanner | | | | | | | | | | | 1 |
| 5 | TV | | | | | | | | | | | |
| | Projector | | | | | | | | | | | |
| | Server | | | | | | | | | | | |
| | Other Units | | | | | | | | | | | |

Table No-2.2**Building wise load survey****Name of Building - Library Building****Existing fitting details**

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | |
|---------------|-------------------|--|---------------------------------|----------------------------|--------------------------|---------------------------------------|---------------------------------------|--------------------------------|--------------------------|----------------|--------------------------------------|-------------------------------|
| | | Administrati on section | University Librarian | Committe e Hall | Enabling unit | Acquisitat ion section | Grantho Parjan section | Assistant Librarian | Retiring room | Stack-1 | Assistant Librarian 1 | Periodical section |
| 1 | Motor (1Ph) | | | | | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | | |
| 4 | Water Cooler | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |

| | | Table No-2.2 | | | | | | | | | |
|------------------------------|-----------------------------------|-------------------------------------|-------------------|------------------------------------|---------|---------|---------------------|---------------------|------------|---|---|
| | | Building wise load survey | | | | | | | | | |
| | | Name of Building - Library Building | | | | | | | | | |
| | | Existing fitting details | | | | | | | | | |
| Sr. No | Appliances | ETD Laboratory & Computer section | Reference section | Competitive examination Collection | stack-2 | Stack-3 | Assistant professor | Womens study Centre | Staff room | Seminar Hall (Near womens study centre) & store room | Staff room & Dr. P.S.G Kumar research library |
| Fan | | | | | | | | | | | |
| 1 | Ceiling Fan | 12 | 40 | 44 | 10 | 7 | 2 | 36 | 38 | 38 | 40 |
| 2 | Exhaust Fan | | 4 | 4 | 5 | 6 | | | | | |
| 3 | Bracket Fan | | | | 56 | 100 | | | | | |
| 4 | Cabin Fan | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | |
| Air Conditioner | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | |
| 2 | Air Conditioner (SS) (2 Ton) | 2 | | | | | 1 | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | |
| 6 | Air Conditioner (D) (8.75 Ton) | | | | | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | | | |
| 8 | Air Cooler | | 1 | 1 | | | | 2 | | | |
| 9 | Other - | | | | | | | | | | |
| Lighting | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 24 | 46 | 26 | 86 | 88 | 3 | 36 | 42 | 32 | 38 |
| 2 | Tube Light 2 x 40 W | | | | | | | | | | |
| 3 | CFL DL 1 x 11 W | | | | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | |
| 6 | CFL INT 1 x 11 W | | | | | | | | | | |
| 7 | CFL INT 5 W | | | | | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | | |
| 10 | MH 70 W | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | |
| 13 | Tube light 1 x 36 W | 2 | | | | | | | | | |
| 14 | Tube light 2 x 36 W | | | | | | | | | | |
| UPS (in-ph , out-ph) | | | | | | | | | | | |
| | UPS 3 kVA | | | | | | | | | | |
| 1 | UPS 5 kVA | 1 | | | | | | | | | 1 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | |
| 4 | Other - | | | | | | | | | | |
| Equipments | | | | | | | | | | | |
| 1 | Computer | 15 | 2 | | 1 | | 1 | 3 | 2 | | 4 |
| 2 | Printer | 2 | | | | | 1 | 2 | 2 | | |
| 3 | Xerox M/C | | | | | | | | | | |
| 4 | Scanner | 1 | | | | | 1 | 1 | | | |
| 5 | TV | 1 | | | | | | | | | |
| | Projector | | | | | | | | | | 2 |
| | Server | | | | | | | | | | |
| Other Units | | | | | | | | | | | |

| | | Table No-2.2 | | | | | | | | | |
|---------------|-------------------|--|-------------------|------------------------------------|---------|---------|---------------------|---------------------|------------|---|---|
| | | Building wise load survey | | | | | | | | | |
| | | Name of Building - Library Building | | | | | | | | | |
| | | Existing fitting details | | | | | | | | | |
| Sr. No | Appliances | ETD Laboratory & Computer section | Reference section | Competitive examination Collection | stack-2 | Stack-3 | Assistant professor | Womens study Centre | Staff room | Seminar Hall (Near womens study centre) & store room | Staff room & Dr. P.S.G Kumar research library |
| 1 | Motor (1Ph) | | | | | | | | | | |
| 2 | Motor (3Ph) | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | |
| 4 | Water Cooler | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | |

| Table No-2.2 | | | | | | | | | |
|-------------------------------------|-----------------------------------|----------------------------|--------------|-------------------------------------|-----------|---------|----------------|---------------|-------|
| Building wise load survey | | | | | | | | | |
| Name of Building - Library Building | | | | | | | | | |
| Existing fitting details | | | | | | | | | |
| Sr. No | Appliances | Associate professor & Head | Computer Lab | MLISC class room & BLISC class room | Wash room | Passage | Outside Lights | Proposed Load | Total |
| Fan | | | | | | | | | |
| 1 | Ceiling Fan | 6 | 6 | 16 | | 18 | | 6 | 439 |
| 2 | Exhaust Fan | | | | 9 | | | | 38 |
| 3 | Bracket Fan | | | | | | | | 214 |
| 4 | Cabin Fan | | | | | 1 | | | 1 |
| 5 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| Air Conditioner | | | | | | | | | |
| | | | | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | 0 |
| 2 | Air Conditioner (SS) (2 Ton) | 3 | 2 | | | | | | 13 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | | 2 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | 0 |
| 6 | Air Conditioner (D) (8.75 Ton) | | | | | | | 3 | 6 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | | | 0 |
| 8 | Air Cooler | | | | | 1 | | | 7 |
| 9 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| Lighting | | | | | | | | | |
| | | | | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 7 | 8 | 24 | 8 | 56 | 6 | 12 | 706 |
| 2 | Tube Light 2 x 40 W | | | | | | | | 11 |
| 3 | CFL DL 1 x 11 W | | | | 4 | | | | 4 |
| 4 | CFL DL 2 x 11 W | | | | | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | | | | | 0 |
| 6 | CFL INT 1 x 11 W | | | | | | | | 2 |
| 7 | CFL INT 5 W | | | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | | | 0 |
| 9 | MV 125 W | | | | | | 1 | | 1 |
| 10 | MH 70 W | | | | | | | | 0 |
| 11 | MH 150 W | | | | | | | | 0 |
| 12 | MH 250 W | | | | | | | | 0 |
| 13 | Tube light 1 x 36 W | | | | | | | | 24 |
| 14 | Tube light 2 x 36 W | | | | | | | | 57 |
| UPS (in-ph , out-ph) | | | | | | | | | |
| | | | | | | | | | 0 |
| | UPS 3 kVA | | | | | | | 1 | 3 |
| 1 | UPS 5 kVA | | 1 | | | | | 1 | 6 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | 0 |
| 4 | Other - | | | | | | | | 0 |
| | | | | | | | | | 0 |
| Equipments | | | | | | | | | |
| | | | | | | | | | 0 |
| 1 | Computer | 2 | 24 | | | 4 | | 50 | 128 |
| 2 | Printer | 2 | | | | | | 10 | 26 |
| 3 | Xerox M/C | | | | | | | | 1 |
| 4 | Scanner | 2 | | | | | | 10 | 16 |
| 5 | TV | | | | | 1 | | | 2 |
| | Projector | | | | | | | 1 | 3 |
| | | | | | | | | | 0 |
| | Server | | | | | 3 | | 4 | 7 |
| Other Units | | | | | | | | | |
| | | | | | | | | | 0 |

| | | | | | | Table No-2.2 | | | |
|---------------|-------------------|----------------------------|--------------|-------------------------------------|-----------|--|----------------|---------------|--------------|
| | | | | | | Building wise load survey | | | |
| | | | | | | Name of Building - Library Building | | | |
| | | | | | | Existing fitting details | | | |
| Sr. No | Appliances | Associate professor & Head | Computer Lab | MLISC class room & BLISC class room | Wash room | Passage | Outside Lights | Proposed Load | Total |
| 1 | Motor (1Ph) | | | | | | | | 0 |
| 2 | Motor (3Ph) | | | | | | | | 0 |
| 3 | Gyser | | | | | | | | 0 |
| 4 | Water Cooler | | | | | | 3 | 1 | 4 |
| 5 | Other - | | | | | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------|---------------|
| Building Wise load surey | | | |
| Name of building - | | Main Gate | |
| Name of Depett - | | Main Gate | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.14 |
| 2 | Maximum Demand - | KVA (peak) | 0.10 |
| 3 | Power factor - | Nos. | 0.922 |
| 4 | Full load currunt - | AMP | 0.26 |
| 5 | Voltage at full load - | Volt | 372 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 10063 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | |

| Table No-2.2 | | | |
|---------------------------|---------------------|-----------|-------|
| Building wise load survey | | | |
| Name of Building - | | Main Gate | |
| Existing fitting details | | | |
| Sr. No | Appliances | Main Gate | Total |
| | Fan | | |
| 1 | Ceiling Fan | 1 | 1 |
| | Lighting | | |
| 1 | Tube Light 1 x 40 W | 2 | 2 |
| 4 | CFL DL 1 x 18 W | | 0 |
| 7 | CFL INT 45 W | | 0 |
| 9 | MV 125 W | | 0 |
| 11 | MH 400 W | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|------------------|---------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Main gate Garden | |
| Name of Depett - | | Main gate Garden | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 5.22 |
| 2 | Maximum Demand - | KVA (peak) | 3.65 |
| 3 | Power factor - | Nos. | 0.72 |
| 4 | Full load currunt - | AMP | 9.39 |
| 5 | Voltage at full load - | Volt | 389 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | - |
| 8 | Energy meter test result - | - | Meter Not available |
| 9 | Muliplying factor - | Nos. | - |
| 10 | Incoming cable size - | - | ARM.CABLE ALU 3.5C X 35 SQMM |

| Table No-2.2 | | | |
|---------------------------|---------------------|------------------|-------|
| Building wise load survey | | | |
| Name of Building - | | Main gate Garden | |
| Existing fitting details | | | |
| Sr. No | Appliances | | |
| | | Main Gate garden | Total |
| | Lighting | | |
| 1 | Tube Light 1 x 40 W | 1 | 1 |
| | Other Units | | 0 |
| 1 | Motor (1Ph) | 1 | 1 |
| 2 | Motor (3Ph) | 1 | 1 |
| 3 | Gyser | | 0 |
| 4 | Water Cooler | 1 | 1 |
| 5 | Other - | | |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | MBA building | |
| Name of Depett - | | MBA building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 59 |
| 2 | Maximum Demand - | KVA (peak) | 11.84 |
| 3 | Power factor - | Nos. | 0.904 |
| 4 | Full load currunt - | AMP | 25 |
| 5 | Voltage at full load - | Volt | 375 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3PL 26031 |
| | | - | 12916501 |
| 8 | Energy meter test result - | - | OK |
| | | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| | | - | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 35 SQMM |
| | | - | ARM. CABLE ALU. 3.5C X 70 SQMM |

| Table No. 2.1 | | | |
|-------------------------------|----------------------------|--------------|-----------------------------------|
| Building Wise load surey (AC) | | | |
| Name of building - | | MBA building | |
| Name of Depett - | | MBA building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 4.47 |
| 2 | Maximum Demand - | KVA (peak) | 3.09 |
| 3 | Power factor - | Nos. | 0.850 |
| 4 | Full load currunt - | AMP | 5.41 |
| 5 | Voltage at full load - | Volt | 375 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 3PL 26031 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 40 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 35 SQMM |

| Table No. 2.1 | | | |
|--------------------------------------|----------------------------|--------------|-----------------------------------|
| Building Wise load surey (Lightings) | | | |
| Name of building - | | MBA building | |
| Name of Depett - | | MBA building | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 54.14 |
| 2 | Maximum Demand - | KVA (peak) | 8.75 |
| 3 | Power factor - | Nos. | 0.958 |
| 4 | Full load currunt - | AMP | 19.76 |
| 5 | Voltage at full load - | Volt | 374 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 12916501 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 70 SQMM |

Table No-2.2

Building wise load survey

Name of Building - MBA BUILDING

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | |
|--------|--------------------------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 |
| | Fan | | | | | | | | | | | |
| 1 | Ceiling Fan | 17 | 4 | 4 | 3 | 12 | 1 | 2 | 2 | 2 | 1 | 1 |
| 2 | Exhaust Fan | 6 | | | 2 | | | | | | | |
| 3 | Bracket Fan | | | | | | | | | | | |
| 4 | Cabin Fan | | 1 | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |
| | Air Conditioner | | | | | | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | | 1 | 1 | 1 | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | | | | | | |
| 7 | Air Conditioner (2 Ton) | | | 2 | | | | | | | | |
| 8 | Air Cooler | | | | | | | | | | | |
| 9 | Other - | | | | | | | | | | | |
| | Lighting | | | | | | | | | | | |
| 1 | Tube Light 1 x 40 W | 8 | | | 8 | 14 | 1 | 2 | 3 | 3 | 2 | 2 |
| 2 | Tube Light 2 x 36 W | | | 8 | | | | | | | | |
| 3 | CFL DL 1 x 18 W | 6 | | | | | | | | | | |
| 4 | CFL DL 2 x 11 W | | | | | | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | | | | | | |
| 6 | CFL INT 11 W | | | | | | | | | | | |
| 7 | CFL INT 5 W | | | | | | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | | | | | | |
| 9 | MV 125 W | | | | | | | | | | | |
| 10 | MH 70 W | | | | | | | | | | | |
| 11 | MH 150 W | | | | | | | | | | | |
| 12 | MH 250 W | | | | | | | | | | | |
| 13 | SL 70W | 5 | | | | | | | | | | |
| 14 | TUBE LIGHT 1 x 36 W | | | | | 2 | | 1 | | | | |
| | UPS (in-ph , out-ph) | | | | | | | | | | | |
| | UPS 3 kVA | 1 | | | | | | | | | | |
| 1 | UPS 5 kVA | 3 | | | | | | | | | | |
| 2 | UPS 10 kVA (1 Ph) | | | | | | | | | | | |
| 3 | UPS 10 kVA (3 Ph) | | | | | | | | | | | |
| | UPS SMALL | | | | | | | | | | | |
| | Equipments | | | | | | | | | | | |
| 1 | Computer | 17 | | | | 2 | | 1 | 1 | 1 | 1 | |
| 2 | Printer | | | | | | | 1 | 1 | 1 | 1 | |
| 3 | Xerox M/C | 1 | | | | | | | | | | |
| 4 | Scanner | | | | | | | | | | | |
| 5 | Projector | 1 | | | | 2 | | | | | | |
| 6 | TV | 1 | | 1 | | | | | | | | |
| 7 | TEA MAKER | | | | | | 1 | | | | | |
| 8 | Computer UPS | | | | | | | 1 | | | | |
| 9 | SCANNER + PRINTER | | | | | | | | 1 | | | |
| | Other Units | | | | | | | | | | | |
| 1 | Motor (1Ph) | | | | | | | | | | | |

Table No-2.2

Building wise load survey

Name of Building - MBA BUILDING

Existing fitting details

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | | | | | | |
|--------|--------------|--------------------------|----|----|----|----|----|----|----|----|-----|-----|
| | | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 |
| 2 | Motor (3Ph) | | | | | | | | | | | |
| 3 | Gyser | | | | | | | | | | | |
| 4 | Water Cooler | | | | | | | | | | | |
| 5 | Other - | | | | | | | | | | | |

| | | Table No-2.2 | | | | | |
|--------|--------------------------------|---------------------------------|-----|-----|-----|-----|-------|
| | | Building wise load survey | | | | | |
| | | Name of Building - MBA BUILDING | | | | | |
| | | Existing fitting details | | | | | |
| Sr. No | Appliances | R12 | R16 | R17 | R18 | R19 | Total |
| | Fan | | | | | | |
| 1 | Ceiling Fan | 4 | 1 | | | | 73 |
| 2 | Exhaust Fan | | | | 3 | | 11 |
| 3 | Bracket Fan | | | | | | 0 |
| 4 | Cabin Fan | | | | | | 1 |
| 5 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Air Conditioner | | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | 3 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | 0 |
| 7 | Air Conditioner (2 Ton) | | | | | | 2 |
| 8 | Air Cooler | | | | | | 0 |
| 9 | Other - | | | | | | 0 |
| | | | | | | | 0 |
| | Lighting | | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 6 | 6 | 5 | | | 78 |
| 2 | Tube Light 2 x 36 W | | | | | | 8 |
| 3 | CFL DL 1 x 18 W | | | 7 | | | 13 |
| 4 | CFL DL 2 x 11 W | | | 10 | 4 | | 14 |
| 5 | CFL DL 2 x 36 W | | | | | | 0 |
| 6 | CFL INT 11 W | | | | | | 0 |
| 7 | CFL INT 5 W | | | | | | 0 |
| 8 | CFL SL 1x 36 W | | | | | | 0 |
| 9 | MV 125 W | | | 3 | | | 3 |
| 10 | MH 70 W | | | | | | 0 |
| 11 | MH 150 W | | | | | | 0 |
| 12 | MH 250 W | | | | | | 0 |
| 13 | SL 70W | | | | | | 5 |
| 14 | TUBE LIGHT 1 x 36 W | | 1 | 4 | | | 8 |
| | | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | | 0 |
| | UPS 3 kVA | | | | | | 1 |
| 1 | UPS 5 kVA | | | 2 | | | 5 |
| 2 | UPS 10 kVA (1 Ph) | | | | | | 0 |
| 3 | UPS 10 kVA (3 Ph) | | | | | | 0 |
| | UPS SMALL | | | | | | 0 |
| | | | | | | | 0 |
| | Equipments | | | | | | 0 |
| 1 | Computer | | | | | | 24 |
| 2 | Printer | | | | | | 4 |
| 3 | Xerox M/C | | | | | | 1 |
| 4 | Scanner | | | | | | 0 |
| 5 | Projector | | | | | | 5 |
| 6 | TV | | | | | | 2 |
| 7 | TEA MAKER | | | | | | 1 |
| 8 | Computer UPS | | | | | | 1 |
| 9 | SCANNER + PRINTER | | | | | | 1 |
| | Other Units | | | | | | 0 |
| 1 | Motor (1Ph) | | | | | | 0 |

| | | Table No-2.2 | | | | | |
|--------|--------------|---------------------------------|-----|-----|-----|-----|-------|
| | | Building wise load survey | | | | | |
| | | Name of Building - MBA BUILDING | | | | | |
| | | Existing fitting details | | | | | |
| Sr. No | Appliances | R12 | R16 | R17 | R18 | R19 | Total |
| 2 | Motor (3Ph) | | | | | | 0 |
| 3 | Gyser | | | | | | 0 |
| 4 | Water Cooler | | | 3 | | | 3 |
| 5 | Other - | | | | | | 0 |

| Abbreviations | |
|----------------------|-----------------------------------|
| | Name of Room / Lab |
| R1 | Auditorium |
| R2 | Cmmputer room |
| R3 | Director rrom |
| R4 | girls comman room+ladies room |
| R5 | Value addition field room 1&2 |
| R6 | Pantry |
| R7 | Placement office |
| R8 | Research & develoment centre |
| R9 | Consumer guidanc cell |
| R10 | Staff club |
| R11 | Store room |
| R12 | Visiting faculty & Value addition |
| R13 | Changing area |
| R14 | Audio visual lab |
| R15 | Value addition field room 3 |
| R16 | Conference room |
| R17 | Passage & outside |
| R18 | Washroom |
| R19 | Proposed room |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|---------------------------------------|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | Multi Purpose Hall Physical Education | |
| Name of Depett - | | Multi Purpose Hall Physical Education | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 3.96 |
| 2 | Maximum Demand - | KVA (peak) | 3.2 |
| 3 | Power factor - | Nos. | 0.95 |
| 4 | Full load currunt - | AMP | 4.6 |
| 5 | Voltage at full load - | Volt | 395 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 26505 |
| 8 | Energy meter test result - | - | OK |
| 9 | Muliplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 50 SQMM |

| Table No-2.2 | | | | | |
|---|-----------------------------------|---------------------------------|----------------|-----------------|--------------|
| Building wise load survey | | | | | |
| Name of Building - Multipurpose hall | | | | | |
| Existing fitting details | | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | | Total |
| | | hall | Outside | Washroom | |
| | Fan | | | | |
| 1 | Ceiling Fan | 3 | 2 | | 5 |
| 2 | Exhaust Fan | 4 | | 1 | 5 |
| 3 | Bracket Fan | | | | 0 |
| 4 | Cabin Fan | | | | 0 |
| 5 | Other - | | | | 0 |
| | | | | | 0 |
| | Air Conditioner | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | 0 |
| 2 | Windows A/C (2 Ton) | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | 0 |
| 8 | Air Cooler | | | | 0 |
| 9 | Other - | | | | 0 |
| | | | | | 0 |
| | Lighting | | | | 0 |
| 1 | Tube Light 1 x 40 W | 17 | 1 | | 18 |
| 2 | Tube Light 2 x 40 W | | | | 0 |
| 3 | CFL DL 1 x 11 W | | | | 0 |
| 4 | CFL DL 2 x 11 W | | | | 0 |
| 5 | CFL DL 2 x 36 W | | | | 0 |
| 6 | CFL INT 11 W | | | | 0 |
| 7 | CFL INT 5 W | | | 3 | 3 |
| 8 | CFL SL 1x 36 W | | | | 0 |
| 9 | MV 125 W | | | | 0 |
| 10 | MH 125 W | | 1 | | 1 |
| 11 | MH 150 W | 2 | | | 2 |
| 12 | MH 250 W | | | | 0 |
| 13 | MH 500 W | 4 | | | 4 |
| | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | 0 |
| | UPS 3 kVA | | | | 0 |
| 1 | UPS 5 kVA | | | | 0 |
| 2 | UPS 10 kVA (1 Ph) | | | | 0 |

Table No-2.2**Building wise load survey****Name of Building - Multipurpose hall****Existing fitting details**

| Sr. No | Appliances | Room / Lab wise Quantity | | | Total |
|---------------|--------------------|---------------------------------|----------------|-----------------|--------------|
| | | hall | Outside | Washroom | |
| 3 | UPS 10 kVA (3 Ph) | | | | 0 |
| 4 | Other - | | | | 0 |
| | | | | | 0 |
| | Equipments | | | | 0 |
| 1 | Computer | | | | 0 |
| 2 | Printer | | | | 0 |
| 3 | Xerox M/C | | | | 0 |
| 4 | Scanner | | | | 0 |
| 5 | Other - | | | | 0 |
| | | | | | 0 |
| | Other Units | | | | 0 |
| 1 | Motor (1Ph) | | | | 0 |
| 2 | Motor (3Ph) | | | | 0 |
| 3 | Gyser | | | | 0 |
| 4 | Water Cooler | | | | 0 |
| 5 | Other - | | | | 0 |

| Table No. 2.1 | | | |
|--------------------------|----------------------------|--|-----------------------------------|
| Building Wise load surey | | | |
| Name of building - | | One Additional Barrack (Mathematics/ Statistics/Migration dept) | |
| Name of Depett - | | One Additional Barrack (Mathematics/ Statistics/Migration dept) | |
| Sr No | Perticular | Unit | Value/Details |
| 1 | Connected Load - | KW | 61.53 |
| 2 | Maximum Demand - | KVA (peak) | 5.72 |
| 3 | Power factor - | Nos. | 0.733457143 |
| 4 | Full load currunt - | AMP | 8.22 |
| 5 | Voltage at full load - | Volt | 402.00 |
| 6 | Earth test Result - | - | |
| 7 | Energy meter sr. no. | - | 1k 079505 |
| 8 | Energy meter test result - | - | - |
| 9 | Muliplying factor - | Nos. | |
| 10 | Incoming cable size - | - | ARM. CABLE ALU. 3.5C X 70 SQMM |

Table No-2.2**Building wise load survey****Name of Building - Mathematics statistics & migration dept****Existing fitting details**

| Sr. No | Appliances | | | | | | |
|--------|-----------------------------------|----|----|----|----|----|----|
| | | R1 | R2 | R3 | R4 | R5 | R6 |
| | Fan | | | | | | |
| 1 | Ceiling Fan | 6 | 5 | 18 | 4 | 12 | 12 |
| 2 | Exhaust Fan | | | | 2 | 2 | |
| 3 | Bracket Fan | | | | | | |
| 4 | Cabin Fan | | | | | | |
| 5 | Other - | | | | | | |
| | | | | | | | |
| | Air Conditioner | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | 3 | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | 3 | | | | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | |
| 8 | Air Cooler | | | | | | |
| 9 | Other - | | | | | | |
| | | | | | | | |
| | Lighting | | | | | | |
| 1 | Tube Light 1 x 40 W | 5 | 12 | 16 | 4 | 10 | 10 |
| 2 | Tube Light 2 x 40 W | | | | | | |
| 3 | CFL DL 1 x 11 W | 1 | | | | | |
| 4 | CFL DL 1 x 18 W | | 1 | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | |
| 6 | CFL INT 11 W | | | | | | |
| 7 | CFL INT 5 W | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | |
| 9 | MV 125 W | | | | | | |
| 10 | MH 70 W | | | | | | |
| 11 | MH 150 W | | | | | | |
| 12 | MH 250 W | | | | | | |
| 13 | Bulb 1 x 60 W | | | | | | |
| 14 | Moon Light 1 x 15 W | | | | | | |
| | | | | | | | |
| | UPS (in-ph , out-ph) | | | | | | |
| 1 | UPS 3 kVA | | | | | | |

Table No-2.2**Building wise load survey****Name of Building - Mathematics statistics & migration dept****Existing fitting details**

| Sr. No | Appliances | | | | | | |
|--------|--------------------|----|----|----|----|----|----|
| | | R1 | R2 | R3 | R4 | R5 | R6 |
| 2 | UPS 5 kVA | | | | | | |
| 3 | UPS 10 kVA (1 Ph) | | | | | | |
| 4 | UPS 10 kVA (3 Ph) | | | | | | |
| | Other - | | | | | | |
| | | | | | | | |
| | Equipments | | | | | | |
| 1 | Computer | 22 | 3 | 2 | | | 7 |
| 2 | Printer | 1 | 5 | 1 | | | |
| 3 | Xerox M/C | | | 2 | | | 1 |
| 4 | Scanner | 1 | 1 | | | | |
| 5 | Projector | | | 1 | | | |
| 6 | TV | | | 1 | | | |
| 7 | Computer Ups | | | | | | |
| | | | | | | | |
| | Other Units | | | | | | |
| 1 | Motor (1Ph) | | | | | | |
| 2 | Motor (3Ph) | | | | | | |
| 3 | Gyser | | | | | | |
| 4 | Water Cooler | | | | | | |
| 5 | Server | | 1 | | | | 1 |

Table No-2.2**Building wise load survey****Name of Building - Mathematics statast****Existing fitting details**

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | |
|--------|-----------------------------------|--------------------------|----|----|-----|-----|-----|
| | | R7 | R8 | R9 | R10 | R11 | R12 |
| | Fan | | | | | | |
| 1 | Ceiling Fan | 5 | 6 | 3 | 5 | 8 | 10 |
| 2 | Exhaust Fan | | 1 | | 1 | | |
| 3 | Bracket Fan | | | | | | |
| 4 | Cabin Fan | | | | | | |
| 5 | Other - | | | | | | |
| | | | | | | | |
| | Air Conditioner | | | | | | |
| 1 | Windows A/C (1.5 Ton) | | | | | | |
| 2 | Windows A/C (2 Ton) | | | | | | |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | | |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | | |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | | |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | | |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | | |
| 8 | Air Cooler | | | | | | |
| 9 | Other - | | | | | | |
| | | | | | | | |
| | Lighting | | | | | | |
| 1 | Tube Light 1 x 40 W | 5 | 7 | 3 | 7 | 8 | 10 |
| 2 | Tube Light 2 x 40 W | | | | | | |
| 3 | CFL DL 1 x 11 W | | | | | | |
| 4 | CFL DL 1 x 18 W | | | | | | |
| 5 | CFL DL 2 x 36 W | | | | | | |
| 6 | CFL INT 11 W | | | | | | |
| 7 | CFL INT 5 W | | | | | | |
| 8 | CFL SL 1x 36 W | | | | | | |
| 9 | MV 125 W | | | | | | |
| 10 | MH 70 W | | | | | | |
| 11 | MH 150 W | | | | | | |
| 12 | MH 250 W | | | | | | |
| 13 | Bulb 1 x 60 W | | 1 | | | | |
| 14 | Moon Light 1 x 15 W | | | | 1 | | |
| | | | | | | | |
| | UPS (in-ph , out-ph) | | | | | | |
| 1 | UPS 3 kVA | | | | | | |

Table No-2.2**Building wise load survey****Name of Building - Mathematics statast****Existing fitting details**

| Sr. No | Appliances | Room / Lab wise Quantity | | | | | |
|--------|--------------------|--------------------------|----|----|-----|-----|-----|
| | | R7 | R8 | R9 | R10 | R11 | R12 |
| 2 | UPS 5 kVA | | | | | | |
| 3 | UPS 10 kVA (1 Ph) | | | | | | |
| 4 | UPS 10 kVA (3 Ph) | | | | | | |
| | Other - | | | | | | |
| | | | | | | | |
| | Equipments | | | | | | |
| 1 | Computer | 9 | 1 | 5 | 4 | 8 | |
| 2 | Printer | | 3 | 1 | 2 | 3 | |
| 3 | Xerox M/C | | | | | | |
| 4 | Scanner | | | 1 | 1 | | |
| 5 | Projector | | | | | | |
| 6 | TV | | 1 | | | | |
| 7 | Computer Ups | | 1 | | | | |
| | | | | | | | |
| | Other Units | | | | | | |
| 1 | Motor (1Ph) | | | | | | |
| 2 | Motor (3Ph) | | | | | | |
| 3 | Gyser | | | | | | |
| 4 | Water Cooler | | | | | | |
| 5 | Server | | | | | | |

Table No-2.2**Building wise load survey****Name of Building - Mathematics statast****Existing fitting details**

| Sr. No | Appliances | | | | | Total |
|--------|-----------------------------------|-----|-----|-----|-----|-------|
| | | R13 | R14 | R15 | R16 | |
| | Fan | | | | | |
| 1 | Ceiling Fan | 2 | | | | 96 |
| 2 | Exhaust Fan | | | 4 | | 10 |
| 3 | Bracket Fan | | | | | 0 |
| 4 | Cabin Fan | | | | | 0 |
| 5 | Other - | | | | | 0 |
| | | | | | | 0 |
| | Air Conditioner | | | | | 0 |
| 1 | Windows A/C (1.5 Ton) | | | | | 3 |
| 2 | Windows A/C (2 Ton) | | | | | 0 |
| 3 | Air Conditioner (SS) (1.5 Ton) | | | | | 3 |
| 4 | Air Conditioner (MS) (3 Ton) | | | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | | | 0 |
| 7 | Air Conditioner (Casstte) (2 Ton) | | | | | 0 |
| 8 | Air Cooler | | | | | 0 |
| 9 | Other - | | | | | 0 |
| | | | | | | 0 |
| | Lighting | | | | | 0 |
| 1 | Tube Light 1 x 40 W | 3 | 18 | 1 | | 119 |
| 2 | Tube Light 2 x 40 W | | | | | 0 |
| 3 | CFL DL 1 x 11 W | | 3 | | | 4 |
| 4 | CFL DL 1 x 18 W | | 2 | | | 3 |
| 5 | CFL DL 2 x 36 W | | 7 | | | 7 |
| 6 | CFL INT 11 W | | | | | 0 |
| 7 | CFL INT 5 W | | 1 | | | 1 |
| 8 | CFL SL 1x 36 W | | | | | 0 |
| 9 | MV 125 W | | 1 | | | 1 |
| 10 | MH 70 W | | | | | 0 |
| 11 | MH 150 W | | | | | 0 |
| 12 | MH 250 W | | | | | 0 |
| 13 | Bulb 1 x 60 W | | | | | 1 |
| 14 | Moon Light 1 x 15 W | | | | | 1 |
| | | | | | | 0 |
| | UPS (in-ph , out-ph) | | | | | 0 |
| 1 | UPS 3 kVA | | | | | 0 |

Table No-2.2**Building wise load survey****Name of Building - Mathematics statast****Existing fitting details**

| Sr. No | Appliances | | | | | Total |
|--------|--------------------|-----|-----|-----|-----|-------|
| | | R13 | R14 | R15 | R16 | |
| 2 | UPS 5 kVA | | | | | 0 |
| 3 | UPS 10 kVA (1 Ph) | | | | | 0 |
| 4 | UPS 10 kVA (3 Ph) | | | | | 0 |
| | Other - | | | | | 0 |
| | | | | | | 0 |
| | Equipments | | | | | 0 |
| 1 | Computer | 1 | | | | 62 |
| 2 | Printer | | | | | 16 |
| 3 | Xerox M/C | | | | | 3 |
| 4 | Scanner | | | | | 4 |
| 5 | Projector | | | | | 1 |
| 6 | TV | | | | | 2 |
| 7 | Computer Ups | | | | | 1 |
| | | | | | | 0 |
| | Other Units | | | | | 0 |
| 1 | Motor (1Ph) | | | | | 0 |
| 2 | Motor (3Ph) | | | | | 0 |
| 3 | Gyser | | | | | 0 |
| 4 | Water Cooler | | 1 | | | 1 |
| 5 | Server | | | | | 2 |

| Abbreviations | |
|----------------------|--------------------------------------|
| | Name of Room / Lab |
| R1 | Computer lab |
| R2 | Office room & HOD room |
| R3 | Class room 1 &2 |
| R4 | Store room |
| R5 | Maths Classroom 1,2 |
| R6 | Boys & Girls common room |
| R7 | Computer room |
| R8 | HOD office |
| R9 | Office room |
| R10 | Proffesor room |
| R11 | Remedical coching or office room 1,2 |
| R12 | Working room & store room |
| R13 | Erande sir room |
| R14 | Passage & outside |
| R15 | Wash room |
| R16 | |
| | |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|------------|---------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Paneri | |
| Name of Depett - | | Paneri | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 1.75 |
| 2 | Maximum Demand - | KVA (peak) | 1.23 |
| 3 | Power factor - | Nos. | 0.90 |
| 4 | Full load currunt - | AMP | 3.21 |
| 5 | Voltage at full load - | Volt | 382 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 12645 |
| 8 | Energy meter test result - | - | OK |
| 9 | Multiplying factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 3.5CX 35 SQMM |

| Table No-2.2 | | | | |
|---------------------------|------------------------------------|--------------------------|-------------|-------|
| Building wise load survey | | | | |
| Name of Building - | | Paneri | | |
| Existing fitting details | | | | |
| Sr. No | Appliances | Room / Lab wise Quantity | | |
| | | R1 | Cycle stand | Total |
| | Fan | | | |
| 1 | Ceiling Fan | | | 0 |
| 2 | Exhaust Fan | | | 0 |
| 3 | Bracket Fan | | | 0 |
| 4 | Cabin Fan | | | 0 |
| 5 | Other - | | | 0 |
| | | | | |
| | Air Conditioner | | | |
| 1 | Windows A/C (1.5 Ton) | | | 0 |
| 2 | Windows A/C (1 Ton) | | | 0 |
| 3 | Air Conditioner (SS) (1 Ton) | | | 0 |
| 4 | Air Conditioner (MS) (3 Ton) | | | 0 |
| 5 | Air Conditioner (D) (5.5 Ton) | | | 0 |
| 6 | Air Conditioner (D) (7.5 Ton) | | | 0 |
| 7 | Air Conditioner (Cassette) (2 Ton) | | | 0 |
| 8 | Air Cooler | | | 0 |
| 9 | Other - | | | 0 |
| | | | | |
| | Lighting | | | |
| 1 | Tube Light 1 x 40 W | | 6 | 6 |
| 2 | Tube Light 2 x 40 W | | | 0 |
| 3 | CFL DL 1 x 11 W | 1 | | 1 |
| 4 | CFL DL 1 x 18 W | | | 0 |
| 5 | CFL DL 1 x 36 W | | | 0 |
| 6 | LED INT 5 W | | | 0 |
| 7 | CFL INT 60 W | | | 0 |
| 8 | CFL SL 1x 36 W | | | 0 |
| 9 | MV 125 W | | | 0 |
| 10 | MH 70 W | | | 0 |
| 11 | MH 150 W | | | 0 |
| 12 | MH 250 W | | | 0 |
| 13 | Other - Bulb 1 x 15 W | | | 0 |
| | | | | |
| | UPS (in-ph , out-ph) | | | |
| 1 | UPS 1 kVA | | | 0 |
| 2 | UPS 5 kVA | | | 0 |

| Table No-2.2 | | | | |
|---------------------|-----------------------|---|--|---|
| 3 | UPS 10 kVA (1 Ph) | | | 0 |
| 4 | UPS 10 kVA (3 Ph) | | | 0 |
| 5 | Other - | | | 0 |
| | | | | |
| | Equipments | | | |
| 1 | Computer | | | 0 |
| 2 | Printer | | | 0 |
| 3 | Xerox M/C | | | 0 |
| 4 | Scanner | | | 0 |
| 5 | Other - T.V | | | 0 |
| 6 | Printing machine | | | 0 |
| 7 | cash counting machine | | | 0 |
| 8 | Fridge | | | 0 |
| | Other Units | | | |
| 1 | Motor (1Ph) | | | 0 |
| 2 | Motor (3Ph) | | | 0 |
| 3 | Geyser | | | 0 |
| 4 | Water Cooler | 1 | | 1 |
| 5 | Other - | | | 0 |

| Table No. 2.1 | | | |
|---------------------------|----------------------------|----------------------------------|----------------------------------|
| Building Wise load survey | | | |
| Name of building - | | Pavilion- Phy Edu. & Rech Build. | |
| Name of Depett - | | Pavilion- Phy Edu. & Rech Build. | |
| Sr No | Particular | Unit | Value/Details |
| 1 | Connected Load - | KW | 0.76 |
| 2 | Maximum Demand - | KVA (peak) | 0.60 |
| 3 | Power factor - | Nos. | 0.92 |
| 4 | Full load currunt - | AMP | 1.00 |
| 5 | Voltage at full load - | Volt | 399.00 |
| 6 | Earth test Result - | - | OK |
| 7 | Energy meter sr. no. | - | 12661 |
| 8 | Energy meter test result - | - | OK |
| 9 | Multipling factor - | Nos. | 1 |
| 10 | Incoming cable size - | - | ARM.CABLE ALU. 3.5C X 35 SQMM |