

SHRI ANDAL ALAGAR COLLEGE OF ENGINEERING
#6, G.S.T. Road, Mamandur – 603 111.

MANDATORY DISCLOSURE

- I. Name of the Institution : SHRI ANDAL ALAGAR COLLEGE OF ENGINEERING
- Address : #6, G.S.T. Road, Mamandur – 603 111.
- Telephone Nos. : 044 – 27565662 / 27565663
- Fax. No. : 044 – 27565666
- E-mail : saaet@yahoo.com
- Website : www.saace.net
- II. (i) Name of the Chairperson : Mrs. PRREMALATHA VIJAYKANT
- Address : 12-A, Kaveri Street, Saligramam, Chennai – 93.
- Telephone Nos. : 044 - 27565666
- Fax. No. : 044 – 27565666
- E-mail : saaet@yahoo.com
- (ii) Name of the Secretary : Mr. L.K. SUDHISH
- Address : #31, J.N. Salai, 100 Feet Road, Vadapalani, Chennai – 26.
- Telephone Nos. : 044 – 23620302
- Fax. No. : 044 – 23624550
- E-mail : saaet@yahoo.com
- III. Name of the Affiliating University : ANNA UNIVERSITY, CHENNAI.

IV. Governance

: Members of the Board and their brief background

| Sl. No. | Name | Position | Qualification | Present professional position / Occupation | Telephone numbers | Email | Address |
|---------|----------------------------|----------|------------------|---|------------------------------|--|--|
| 1 | Mrs. V. Prremalatha | Chairman | M.A. | Chairperson | 044-23764377 | saaet@yahoo.com | #6, G.S.T. Road, Mamandur – 603 111. |
| 2 | Mr. L.K. Sudhish | Members | M.A. | Secretary & Correspondent | 044-24847550 | saaet@yahoo.com | #6, G.S.T. Road, Mamandur – 603 111. |
| 3 | Dr. P.V. Vaidyanathan | | Ph.D. | Former VC, Annamalai University, Annamalai Nagar. | 044-24746610 | - | C-1, Ashok Enclave, I Avenue, Ashok Nagar, Chennai – 83. |
| 4 | Dr. P.V. Mohanram | | Ph.D. | Dean / PSG College | 0422-2572271 | - | PSG College of Tech., Coimbatore – 4. |
| 5 | Dr. N. Anantharaman | | Ph.D. | Prof. & HOD, Annamalai University | 04144-230301 04144-239734 | - | Annamalai University, Annamalai Nagar. 608 002. |
| 6 | Mr. N. Maharajan | | M.E. | Executive Director, CIT, CIT Campus, Chennai. | 044-22345257 044-22301692 | - | CIT Campus, Guindy, Chennai – 600 032. |
| 7 | Mr. P. Gopinath | | M.E. | Scientist-F, & Project Director, CVRDE, Avadi | 044-26553418 044-26552667 | - | CVRDE, Avadi, Chennai. |
| 8 | Dr. S.K. Srivatsa | | Ph.D. | Prof. ECE, MIT | - | - | MIT, Chennai. |
| 9 | Nominee of AICTE | | - | - | - | - | Southern Regional Office, AICTE, Chennai. |
| 10 | Nominee of Anna University | | - | - | - | - | Anna University, Chennai. |
| 11 | Member of DOTE | | - | - | - | - | Director of Technical Education, Chennai. |
| 12 | Dr. P.K. Pratapchandran | | Member Secretary | M.E. | Principal / SAACE | 044-27565663 | pratapchan2002@yahoo.com |

V. Programmes

| S. No. | Courses | Duration | AICTE Approved Intake during last three years | | | | | | Status of Accreditation |
|--------|------------|----------|---|--------------|--------------|--------------|--------------|--------------|-------------------------|
| | | | 2008 - 2009 | | 2007 - 2008 | | 2006 - 2007 | | |
| | | | No. of Seats | Cut Off mark | No. of Seats | Cut Off mark | No. of Seats | Cut Off mark | |
| 1 | B.E. ECE | 4 Years | 90 | 177.50 | 90 | 125.38 | 90 | 116.90 | Accredited |
| 2 | B.E. EEE | 4 Years | 60 | 177.24 | 60 | 93.10 | 60 | 111.36 | Accredited |
| 3 | B.E. CSE | 4 Years | 60 | 174.50 | 60 | 127.56 | 60 | 109.86 | Accredited |
| 4 | B.E. MECH. | 4 Years | 60 | 175.50 | 60 | 76.76 | 60 | 92.94 | Accredited |
| 5 | B.Tech. IT | 4 Years | 60 | 174.00 | 30 | 110.80 | 30 | 116.72 | Accredited |
| 6 | B.Tech. BT | 4 Years | 60 | 177.00 | 30 | 131.60 | 30 | 118.86 | Accredited |

(2007 - 2008)

| S. No. | Course(s) | Total No. of Students | Total No. of Placed Students | Minimum Salary | Maximum Salary | Average |
|--------|-------------|-----------------------|------------------------------|----------------|----------------|---------|
| 1. | B.E. ECE | 39 | 26 | 9000 | 25207 | 20488 |
| 2. | B.E. EEE | 22 | 21 | 6000 | 25207 | 10827 |
| 3. | B.E. CSE | 15 | 13 | 9000 | 25207 | 19293 |
| 4. | B.Tech., IT | 15 | 6 | 18824 | 25207 | 21426 |
| 5. | B.Tech., BT | 25 | 6 | 25207 | 25207 | 25426 |
| 6. | B.E. MECH. | 19 | 8 | 12000 | 25207 | 19328 |

No. of Companies visited : 38 (On/Off/Joint Campus) No. of Companies Recruited : 18 (On/Off/Joint Campus)
(2008 - 2009)

| S. No. | Course(s) | Total No. of Students | Total No. of Placed Students | Minimum Salary | Maximum Salary | Average |
|--------|-------------|-----------------------|------------------------------|----------------|----------------|---------|
| 1. | B.E. ECE | 98 | 11 | 12727 | 15000 | 14000 |
| 2. | B.E. EEE | 64 | 7 | 13428 | 24000 | 19000 |
| 3. | B.E. CSE | 65 | 6 | 15000 | 15000 | 15000 |
| 4. | B.Tech., IT | 33 | 2 | 15000 | 15000 | 15000 |
| 5. | B.Tech., BT | 31 | 0 | 0 | 0 | 0 |
| 6. | B.E. MECH. | 60 | 1 | 10000 | 10000 | 10000 |

No. of Companies visited : (On/Off/Joint Campus) No. of Companies Recruited : (On/Off/Joint Campus)

The above students are recruited to the following companies like, Infosys, CTS, Syntel, L&T, Satyam, IGATE, Flsmidth9.

VI. (i) Branch wise list of Faculty Members

| S. No. | Name of the Courses | No. of Permanent Faculty | No. of Visiting Faculty | No. of Adjunct Faculty | No. of Guest Faculty | Ratio (PF:SR) |
|--------|---------------------|--------------------------|-------------------------|------------------------|----------------------|---------------|
| 1 | B.E. ECE | 26 | - | - | - | 1:15 |
| 2 | B.E. EEE | 18 | - | - | - | 1:15 |
| 3 | B.E. CSE | 18 | - | - | - | 1:15 |
| 4 | B.E. MECH. | 18 | - | - | - | 1:15 |
| 5 | B.Tech., IT | 14 | - | - | - | 1:15 |
| 6 | B.Tech., BT | 14 | - | - | - | 1:15 |
| 7 | Physics | 5 | - | - | - | - |
| 8 | Chemistry | 5 | - | - | - | - |
| 9 | Mathematics | 11 | - | - | - | - |
| 10 | English | 5 | - | - | - | - |
| 11 | PD | 2 | - | - | - | - |
| 12 | Library | 2 | - | - | - | - |

* PF – Permanent Faculty, SR – Student Ratio

(ii) Number of Faculty employed and left during the last three years

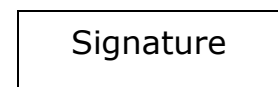
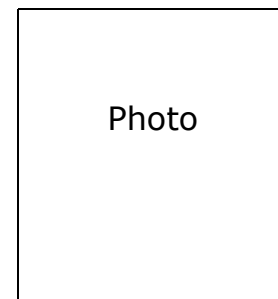
| Particulars | Total No. of Faculty Members | | | No. of staff left during last 3 years | | |
|-------------|------------------------------|---------|---------|---------------------------------------|---------|---------|
| | 2008-09 | 2007-08 | 2006-07 | 2008-09 | 2007-08 | 2006-07 |
| Teaching | 134 | 126 | 86 | - | 43 | 14 |

(Annexure I enclosed)

VII. Profile of Director / Principal with Qualifications, Total Experience, Age and Duration of Employment at the Institute concerned.

For each Faculty give a page covering

1. Name :
2. Date of Birth :
3. Educational Qualification :
4. Work Experience :
Teaching :
Research :
Industry :
Others :
5. Area of Specializations :
6. Subjects Teaching at UG / PG Level :
7. Research guidance
Master's :
Ph.D. :
No. of Paper published :
National Journals :
International Journals :
Conferences :
8. Projects carried out :
9. Patents :
10. Technology Transfer :
11. Research Publications :
12. No. of Books published with details :



VIII. Fee Details (Per annum)

| S. No. | Details of | Single Window System | Management Quota |
|--------|--------------|----------------------|------------------|
| 1 | Tuition Fees | 40000 | 70000 |
| 5 | Hostel Fees | 30000 | 30000 |

Time schedule for payment : One month's time given to all students from to all Students if the academic year

Scholarship : Merit cum mean scholarship being given to Outstanding students progressively

IX. (i) Admission

| S. No. | Courses | 2008-09 | | 2007-08 | | 2006-07 | | Sancti Stren |
|--------|-------------|---------------------|----------|---------------------|----------|---------------------|----------|-----------------|
| | | Sanctioned Strength | Admitted | Sanctioned Strength | Admitted | Sanctioned Strength | Admitted | |
| 1 | B.E. ECE | 90 | 79 | 90 | 89 | 90 | 90 | 90 |
| 2 | B.E. EEE | 60 | 55 | 60 | 56 | 60 | 56 | 60 |
| 3 | B.E. CSE | 60 | 52 | 60 | 59 | 60 | 60 | 60 |
| 4 | B.E. MECH. | 60 | 60 | 60 | 60 | 60 | 27 | 60 |
| 5 | B.Tech., IT | 60 | 53 | 60 | 59 | 30 | 30 | 30 |
| 6 | B.Tech., BT | 60 | 62 | 60 | 40 | 30 | 24 | 30 |

(ii) Management Quota

| S. No. | Course(s) | 2008-09 | |
|--------|-------------|-----------------------------|--------------------------|
| | | No. of Application Received | No. of Students Admitted |
| 1 | B.E. ECE | 61 | 25 |
| 2 | B.E. EEE | 52 | 16 |
| 3 | B.E. CSE | 43 | 17 |
| 4 | B.E. MECH. | 52 | 21 |
| 5 | B.Tech., IT | 48 | 19 |
| 6 | B.Tech., BT | 33 | 17 |

X. Admission Procedure

1. Name of the Test Agency : CONSORTIUM OF SELF –
FINANCING PROFESSIONAL ARTS
& SCIENCE COLLEGES IN
TAMILNADU
- Address : No. 29, Old No. 12-C,
Ganapathy Street, Royapettah,
Chennai – 600 014.
- Telephone No. : 044 – 24501644
- Website : www.tnsfconsortium.org
2. No. of seats allotted : 35 % of Total Intake
- Last date for request for
Applications : 25th August
- Last date for Submission of
Application : 30th August
- Date of announcing Final result : 4th September
- Last date for closing of admission : 4th September
- Starting of the Academic session : As per Anna University Schedule

XI. (I) Criteria and Weightages for Admission

| S. No. | Qualifying Examination Marks | CET / AIEEE - Cut Off | Community |
|--------|------------------------------|-----------------------|-----------|
| 1 | 1100 | 55 | OC |
| 2 | 950 | 50 | BC |
| 3 | 800 | 45 | MBC |
| 4 | Mere Pass | Mere Pass | SC / ST |

* Minimum level – University Eligibility

| S. No. | Course(s) | Cut Off Marks | | | Cut Off Marks | | |
|--------|-------------|---------------|--------|--------|---------------|--------|--------|
| | | 2007-08 | | | 2006-07 | | |
| | | Min. | Max. | Agg. | Min. | Max. | Agg. |
| 1. | B.E. ECE | 166.69 | 241.25 | 203.97 | 150.38 | 245.19 | 197.78 |
| 2. | B.E. EEE | 120.37 | 232.93 | 176.65 | 133.38 | 204.57 | 168.97 |
| 3. | B.E. CSE | 165.25 | 238.67 | 201.96 | 150.97 | 229.78 | 190.37 |
| 4. | B.E. MECH. | 117.06 | 226.56 | 171.81 | 119.86 | 186.43 | 153.14 |
| 5. | B.Tech., IT | 112.38 | 239.73 | 176.05 | 166.06 | 225.23 | 195.64 |
| 6. | B.Tech., BT | 157.67 | 240.61 | 199.14 | 169.51 | 252.55 | 211.03 |

XII. Application form

Downloadable application form with online submission possibilities **-NA-**

XIII. List of Applicants

| S. No. | Name of the Candidate | Qualifying Examination | Percentage |
|--------|-----------------------|------------------------|------------|
| - | - | - | - |

XIV. Results of Admission under Management seats / Vacant Seats

| S. No. | Branch | Total No. of Seats Available | Total No. of Admission under Mgt. Quota | Vacant Seats |
|--------|-------------|------------------------------|---|--------------|
| 1. | B.E. ECE | 31 | 31 | 0 |
| 2. | B.E. EEE | 21 | 21 | 0 |
| 3. | B.E. CSE | 00 | 00 | 0 |
| 4. | B.Tech., IT | 00 | 00 | 0 |
| 5. | B.Tech., BT | 00 | 00 | 0 |
| 6. | B.E., Mech. | 21 | 21 | 0 |

XV. Information on Infrastructure and other resources available

| S. No | Description | Area (sq. ft) |
|-------|--|---------------|
| 1. | Academic Block | |
| | Ground floor (Office, Class Rooms, Auditorium, Placement Cell, Gym, Indoor Games) | 65969.68 |
| | First floor (Class Rooms. Seminar Hall, Auditorium) | 63660.26 |
| | Head Room | 3012.36 |
| . | Hi-Tech Block | |
| | Ground floor (CSE, IT and CAD Laboratories) | 22734.81 |
| | First floor (Biotech Laboratories and Library) | 22734.81 |
| | Second floor (ECE Laboratories) | 22734.81 |
| | Head Room | 1014.7 |

| S. No | Description | Area (sq. ft) |
|--------------|---|----------------------|
| 3. | Mechanical Block | |
| | Ground floor (Laboratories) | 11580.00 |
| | First floor (Workshop and Laboratories) | 11580.00 |
| | Head Room | 817.30 |
| 4. | Mess | |
| | Ground floor (Dining Hall) | 21734.60 |
| | First floor (Dining Hall) | 21734.60 |
| | Head Room | 1203.80 |
| 5. | Hostel (Boys) | |
| | Ground Floor | 12663.33 |
| | First floor | 12663.33 |
| | Second floor | 12663.33 |
| | Third floor | 12663.33 |
| | Head Room | 604.44 |
| 6 | Hostel (Girls) | |
| | Ground Floor | 6686 |
| | First Floor | 6686 |
| | Second Floor | 6686 |
| | Third Floor | 6686 |
| | Head Room | 306 |
| 7. | EEE Lab / Physics / Chemistry | 10748.00 |
| 8. | Sub Station | 5498.94 |

LIBRARY

No. of Library Books / Titles / Journals available (Programme wise)

| S. No. | Department | No. of Titles | No. of Volumes | Journals | | Magazines |
|--------|-------------|---------------|----------------|----------|---|-----------|
| 1. | ECE | 964 | 3403 | 7 | 6 | 1 |
| 2. | EEE | 852 | 3047 | 6 | 6 | 1 |
| 3. | CSE | 776 | 2951 | 8 | 6 | 3 |
| 4. | IT | 897 | 2917 | 7 | 6 | 4 |
| 5. | BT | 850 | 2790 | 6 | 3 | - |
| 6. | MECH. | 754 | 2464 | 7 | 6 | - |
| 7. | PHYSICS | 63 | 450 | - | | - |
| 8. | CHEMISTRY | 110 | 609 | - | | - |
| 9. | MATHEMATICS | 375 | 1364 | - | | - |
| 10. | ENGLISH | 71 | 399 | - | | - |
| 11. | SPORTS | 40 | 40 | - | | - |
| 12. | G.K | 206 | 342 | - | | - |

List of LABORATORY

| S. No. | Name of the Laboratory / Workshop | Carpet Area Available (Sq.ft) |
|------------|-------------------------------------|-------------------------------|
| Workshop | Basic Workshop / Engg. Practice Lab | 2992 |
| Laboratory | Dept. of ECE | |
| 1 | EC-I (Circuits) | 1230 |
| 2 | EC - II (IC) | 1080 |
| 3 | EC - III (Microprocessor) | 1080 |
| 4 | EC - IV (Communication) | 1230 |
| 5 | EC - V (Microwave & Optical) | 840 |
| 6 | DSP Lab, VLSI & Networks | 1290 |
| | Dept. of EEE | |
| 1 | Machines | 2940 |
| 2 | Control Systems | 910 |
| 3 | Power Electronics | 1260 |
| | Dept. of CSE | |

| | | |
|----|--|------|
| 1 | CSE | 1000 |
| | Dept. of IT | |
| 1 | IT | 1000 |
| 2 | Internet Lab | 400 |
| 3 | Core Lab | 1000 |
| 4 | Communication Lab | 800 |
| | Dept. of BT | |
| 1 | Bioprocess | 1320 |
| 2 | Molecular Biology / Wet Lab | 3360 |
| 3 | Chemical Engineering | 1320 |
| 4 | Instrumental Methods of Analysis | 1320 |
| | Dept. of MECH. | |
| 1 | Fluid Mechanics & Machinery | 1870 |
| 2 | Manufacturing Technology - I | 3740 |
| 3 | Manufacturing Technology - II | 3740 |
| 4 | Thermal Engineering Lab | 2618 |
| 5 | Strength of Materials | 1496 |
| 6 | Metrology | 748 |
| 7 | Dynamics | 1122 |
| 8 | CAD / CAM | 1122 |
| 9 | Computer Aided Simulation & Analysis Lab | 1122 |
| 10 | Computer Aided Machine Drawing Practice | 1122 |
| 11 | Mechatronics Lab | 1122 |
| | Physics | 2500 |
| | Chemistry | 2500 |

List of Major Equipment / Facilities

Details of Laboratories & Workshops

| S. | Name of the Course | Name of the laboratory/workshop | Total Area of lab/workshop | Major equipment |
|----|--------------------|--|----------------------------|--|
| 1. | ECE | Electronic Devices and Circuits / Digital | 115 | O / P Meter, Embedded System Kit, Function generator 20 mhz, LCR meter, CRO 20 mhz, CRO 30 mhz, PSPICE, PLC Kit, Regulator power supply, Signal generator |
| | | Integrated Circuits / Digital Lab | 100 | Digital IC trainer kit, Digital IC testor, Linear IC trainer kit, Function generator 2 mhz, Linear IC testor, CRO 30 mhz, Regulator Power supply |
| | | Microprocessor / Micro controller / Interfacing | 98 | Computer, function generator, 8085 mp kit, 8086 / 88 mp kit, micro controller, LED, LCD version, Stepper motor controller, Interface boards, CBDAA trainer kit, AC motor controller, DC motor controller, Temperature controller, LVDT trainer kit, TASM, CRO 60 mhz, TLC, PC based related software |
| | | Communication Lab | 115 | AM / FM trainer kit, Audio oscillator, DSO, Function generator, Noise Generator, CRO 100 mhz, 30 mhz, RF oscillator, Signal generator, Communication System trainer kits |
| | | DSP | 61 | DSP Trainer kits, Computer, Code composer studio, function generator, MATLAB, ORCAD Capture, CRO, Spectrum Analyser |
| | | Microwave Lab and Optical / VLSI RF Lab, Antenna | 120 | J. Band Set, X-band Set, VSWR Meter, Power Meter, Klystron power supply, Gun power supply, Computer, Advanced Fibre Optic Trainer kits, Optical Power meter, Advanced Antenna Training system, RF signal source, RF signal detector |

| S. | Name of | Name of the | Total Area of lab/ |
|----|---------|-------------|--------------------|
|----|---------|-------------|--------------------|

| | the Course | laboratory/workshop | workshop | Major equipment |
|----|------------|-----------------------------------|----------|--|
| 2. | EEE | Electrical Machines Lab | 242.00 | Shunt Motor, compound Motor, Series Motor, Shunt Generator, Compound Generator, Series Generator, Single phase induction motor, Three phase induction Motor, Slipring Induction Motor, AC Alternator, Single phase resister load, Three phase resister load, water load, Capacitor load, Induction load, Separated excited D.C., |
| | | Power Simulation Lab | 167.39 | Computers & Related Software |
| | | Control Systems Lab | 121.24 | Separated excited D.C., Self excited, DC Generator, Speed control AC server motor, Speed control DC server motor, Lead lag compensator, Process control simulator, PID controller |
| | | Power Electronics Lab | 121.24 | SCR kit, Three phase controller (thirissor), Pulse Generator kit, MOSFET choppers, Single phase AC controller, VI Chopper module, Three phase PWM Inventor |
| | | Measurement & Instrumentation lab | 327.40 | Three phase energy meter, thermocouple module, LVDC Kit, PLC kit, Maxwell's bridge kit, Anderson bridge Kit, Kelvin bridge kit, Weit stone bridge kit, Torque measurement |

| S. No | Name of the Course | Name of the laboratory/workshop | Total Area of lab/ workshop | Major equipment |
|-------|--------------------|---------------------------------|-----------------------------|---|
| 3. | CSE | CSE | 480.06 | CD Writer, Scanner, Webcam, Head phone, IBM Server, UPS 25 KV – 2 Nos., & 30 KV – 1 No. |
| 4. | IT | IT | 480.06 | |
| | | Internet Lab | 120.05 | |

| S. | Name of the Course | Name of the laboratory/workshop | Total Area of lab/ workshop | Major equipment |
|-------------------------|--------------------|---|-----------------------------|---|
| 5. | BT | Chemical Engineering Lab | 46.29 | Fluidized bed column, packed bed column, Jaw crusher, Orifice meter, venturi meter, Heat exchanger, Pipe friction, Plate and flame filter press, sieve shaker |
| | | Downstream processing Lab | 129.93 | HPLC, ultra filtration module, Micro filtration module |
| | | Bio Process Lab | 129.92 | Fermenter, Peristaltic pump, Centrifuge, D.O. Meter |
| | | Instrumental Methods of Analysis | 64.97 | Flame photometer, Nephelo meter, UV spectro photometer, Bio spectro photo meter |
| | | Bio Chemistry | 46.29 | High speed centrifuge, UV spectro photometer, Colori meter, TLC Kit, |
| | | Bio Organic | 46.29 | Water bath shaker |
| | | Molecular Biology Lab | 73.08 | SDS-PAGE, DNA Electrophoresis, Deep freezer, Western Blot apparatus |
| | | Immunology Lab | 73.08 | ELISA reader, Micro plate washer |
| | | Cell Biology Lab | 73.08 | Compound microscope, Binocular Microscope, Monocular microscope, Phase contrast microscope |
| | | Microbiology Lab | 73.08 | Laminar flow hood, Haemocytometer, Colony counter, Rock & Roll |
| Genetic Engineering Lab | 73.08 | PCR Machine, Gel documentation system, UV transilluminator, Incubator shaker, Microwave Oven, | | |

| S. | Name of the Course | Name of the laboratory/workshop | Total Area of lab/workshop | Major equipment |
|----|--------------------|---------------------------------|----------------------------|--|
| 6. | B.E/ B.Tech., | Physics | 2500 sq.ft | Spectro meter, Ultrasonic Interferometer, Diffraction Grating, Potential meter, Diode Laser Source |
| | | Chemistry | 242.00 | pH meter, Potential meter, conductivity Meter, Spectro photo meter, Flame photo meter, |

| S. | Name of the Course | Name of the laboratory/workshop | Total Area of lab/ workshop | Major equipment |
|----|--------------------|---|-----------------------------|---|
| 7. | MECH. | Fluid Mechanics & Machinery | 143.87 | Venturi meter & Orifice setup, Major & Minor losses set up, Roto meter test rig, Centrifuginal pump test rig, Submergible pump test rig, Reciprocating pump test rig, Gear oil pump test rig, Delton wheel turbine, Francis turbine, Kaplan turbine |
| | | Thermal Engineering Lab | 294.43 | I.C. Engine 2 stroke & 4 stroke model, Redwood Viscometers, Apparatus for flash and fire point, 4 Stroke Diesel Engine with mechanical loading, 4-stroke Diesel engine with hydraulic loading, 4 – stroke Diesel engine with electrical loading, Multi cylinder petrol engine, single cylinder petrol engine, Data Acquisition system, Steam Boiler with turbine setup, counter flow and parallel flow heat exchanger, Pin fin apparatus, Stefan Boltzmann apparatus, Air conditioning test rig, Refrigeration test rig, Air compressor |
| | | Manufacturing Technology Lab / Machine Shop | 371.37 | Centre lathe, Precision Lathe, Turret Lathe, Capostan Lathe, Shapping machine, Vertica Milling machine, Horizontal milling machine, Radial drilling machine, Upright drilling machine, Slotting machine, Gear hobbing machine, Planning machine, surface grinding machine, Tool & cutter grinding machine, Bench grinder, Power Hack saw Machine, Lathe tool dynamometer |
| | | Strength of Materials | 143.87 | Spring Testing machine, Universal testing machine, Izod & charpy Impact testing machine, Deflection testing machine, Rockwell, hardness & Brillness hardness test machine, Torsion testing machine, Muffle furnace, Metallurgical microscopes |

| | | |
|-------------------------------------|---------|---|
| Dynamics Lab | 113.70 | Balancing of rotating mass is reciprocating mass, stroboscope, Governor, Gyroscope, Whirling of a shaft, VLB – Lab, Cam & Follower, Turn table apparatus, Gear train. |
| Metrology Lab | 88.38 | Autocollimator, Tool makeis microscope, Electrical comparator, Optical comparator, Gear tester, Sine bar, Bevel protector, Vernier height gauge |
| CADD / CAM | 110.41 | CAD / CSM software, Mechanical desktop, Auto desk inventor professional series 9, CMAS CNC simulator version 2 (CNC Lathe & CNC Milling) |
| Basic Workshop / Engg. Practice Lab | 294.423 | Carpentry Tools, Foundry Tools, Welding Tools, Plumbing Tools, Electrical Tools, Electronic Tools, Fitting tools, Pillar type drilling machine, Blacksmithy tools |
| Mechatronics Lab | 111.13 | Systems – 30 Nos., PID micro controller, Aircompressor, Basic level pneumatic trainer kit, Basic level electro pneumatic trainer kit, DC Motor Magnetic load setup |

Computing Facilities

| | | |
|--|---|---|
| No. & Configuration of systems | : | 450 |
| Total No. of systems connected By LAN | : | 240 |
| Total No. of Systems connected By WAN | : | 240 |
| Internet Bandwidth | : | 256 kbps / 24 hrs. |
| Major software packages available | : | Office Professional 2000, Visual FoxPro, Visual Studio. Net, Oracle, Rational Rose, AI Power Simulation, Mat lab, CAD Auto desk Inventor, Microsoft Windows 2000, Windows 2000 Professional, Windows XP Professional, Unix clone, Linux 7.2, Windows 98. |

Special purpose facilities available :

| | | |
|--|---|---|
| Workshop | : | |
| Games and Sports facilities | : | Cricket, Football, Volleyball, Badminton, Chess, Carom, Shuttle, Table Tennis |
| Extra curriculum activities | : | Stationed gym |
| Soft skill development facilities | : | Available |
| No. of class rooms and size of each | : | 36 (111.50 sq.m. each) |
| No. of tutorial rooms and size of each | : | 6 (126 sq.m. each) |
| No. of drawing halls and size of each | : | 2 (361 sq.m. each) |
| No. of computer centres with Capacity of each | : | 7 (167.40 sq.m. each) |
| University | : | Yes |
| Academic calendar of the University | : | Available |
| Academic Time Table | : | Available |
| Teaching Load of each Faculty | : | 2 Theory Subjects 1 Practical (per semester) |

Campus Development / Department Development,
QIP involvement

Internal continuous Evaluation system
And place : Available
Students' assessment of faculty,
System in place : Available