DEPARTMENTAL FACILITIES

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| Workshop | | | |
| A room with tables and chairs  Description automatically generated with low confidence | A picture containing indoor, window, cluttered, furniture  Description automatically generated | A picture containing indoor, ceiling, kitchen, cluttered  Description automatically generated | A picture containing indoor, ceiling, working, preparing  Description automatically generated |
| CAD/CAM lab | | Engineering Drawing Hall | |
| A room with tables and chairs  Description automatically generated with medium confidence | A picture containing indoor, floor, ceiling, wall  Description automatically generated | A room with tables and chairs  Description automatically generated with medium confidence | A room with tables and chairs  Description automatically generated with medium confidence |
| Engineering Physics Lab | | Engineering Chemistry Lab | |
| A picture containing text, indoor, ceiling, wall  Description automatically generated | A picture containing indoor, kitchen, floor, ceiling  Description automatically generated | A picture containing indoor, ceiling, floor, wall  Description automatically generated | A picture containing text, indoor, floor, wall  Description automatically generated |
| Computer cum Language Lab | | Combined lab of refrigeration and air conditioning, Theory of machine, Machine design and Engineering Mechanics | |
| A picture containing indoor, floor, red  Description automatically generated | A picture containing text, indoor, floor, room  Description automatically generated | A room with tables and chairs  Description automatically generated with medium confidence | A room with tables and chairs  Description automatically generated with medium confidence |
| Electrical Machines and Power Utilization lab | | Applied Electronics and Instrumentation lab | |
| A picture containing text, indoor, floor, wall  Description automatically generated | A picture containing indoor, wall, floor, room  Description automatically generated | A picture containing indoor, floor, wall, living  Description automatically generated | A picture containing text, indoor, window, counter  Description automatically generated |
| Other Facilities Developed | | | |
| Conference Room | | Examination Hall | |
| A picture containing indoor, wall, ceiling, floor  Description automatically generated | A picture containing indoor, ceiling, wall, several  Description automatically generated | A picture containing indoor, ceiling, counter, conference room  Description automatically generated | A picture containing indoor, wall, ceiling, lined  Description automatically generated |
| Auditorium | | Academic Section | |
| A picture containing outdoor, tree, house, residential  Description automatically generated | A picture containing building, grass, outdoor, house  Description automatically generated | A picture containing indoor, floor, room, furniture  Description automatically generated | A picture containing floor, indoor, room, chair  Description automatically generated |

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| Combined lab of refrigeration and air conditioning, Theory of machine, Machine design and Engineering Mechanics |
| Common Room |
| B.E.A.S. Department Notice Board |
| B.E.A.S. Department Photo Gallery |
| Chairmen  Women Cell |
| Theory of machine & Machine design Lab |
| Engineering Mechanics Lab |
| WWassssasWWWash RooaWash room |
| B.E.A.S Meeting Room |
| Recreation Room |

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**COLLEGE OF AGRICULTURAL ENGINEERING & TECHNOLOGY, AAU, GODHRA**

**DEPARTMENT OF BASIC ENGINEERING AND APPLIED SCIENCES**

**LIST OF INSTRUMENTS/MODEL/FACILITIES AVAILABLE IN LABORATORY**

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| SR.NO. | NAME OF ITEM |
| 1. | DOMESTIC REFRIGERATION TRAINER SETUP |
| 2. | GENERAL CYCLE AIRCONDITIONING TUTOR |
| 3. | UNIVERSAL FORCE TABLE (SUPERIOR) WITH BRASS SLOTTED WEIGHTS & BRASS PULLEYS |
| 4. | APPARATUS TO STUDY EQUILIBRIUM OF NON-CONCURRENT FORCE |
| 5. | PARALLELOGRAM OF FORCES APPARATUS WITH IRON CONICAL WEIGHTS |
| 6. | POLYGON OF FORCES APPARATUS WITH IRON CONICAL WEIGHTS & PAN |
| 7. | TRIANGLE & PARALLELOGRAM OF FORCES APPARATUS WITH IRON SLOTTED WEIGHTS |
| 8. | JIB CRANE WITH IRON BASE & TUBULAR TYPE COMPRESSION BALANCE (WITH WEIGHTS) |
| 9. | COMBINED INCLINED PLANE & FRICTION SLIDE APPARATUS WITH WOODEN BASE & WITHOUT WEIGHTS |
| 10. | COMBINED INCLINED PLANE & FRICTION SLIDE APPARATUS WITH ANGLE IRON BASE & WITH WEIGHTS |
| 11. | SCREW JACK (WITHOUT WEIGHT) |
| 12. | TORSION APPARATUS VERTICAL TYPE |
| 13. | MOMENT OF INERTIA OF FLYWHEEL (WITHOUT WEIGHT) (A)15 CM DIA |
| 15. | MOMENT OF INERTIA OF FLYWHEEL (WITHOUT WEIGHT) (C)25 CM DIA |
| 16. | FATIGUE TESTING MACHINE |