

Institute Distinctiveness – Ramarani Institute of Technology (RIT)

Ramarani Institute of Technology (RIT) is distinguished by its practice-oriented diploma engineering education, supported by strong laboratory infrastructure, disciplined academic delivery, outcome-based evaluation, and measurable student performance in examinations and employment.

1. Practice-Centric Teaching–Learning Process

- 60–65% of total contact hours allocated to practicals, laboratories, and workshops
 - 100% theory courses integrated with laboratory components
 - 2–3 hours/week of structured lab exposure per core subject
 - 1:1 student–equipment exposure ensured during key experiments
 - 100% completion of practical records and viva-voce
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2. Core Engineering Laboratories

- 12+ functional laboratories/workshops
 - 30+ electrical machines, 40+ electronics trainer kits, engine & vehicle models
 - 100% labs equipped with SOPs, safety instructions, and maintenance registers
 - 90%+ equipment uptime through preventive maintenance
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3. Industry-Oriented Skill Development

- 3–5 industrial visits per academic year
 - 5+ guest lectures annually by industry experts
 - 20–30 hours/year of skill training beyond syllabus
 - 70% students trained in troubleshooting, servicing, and diagnostics
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4. Outcome-Based & Continuous Evaluation

- 3 internal assessments per semester
- 100% practical performance evaluation including viva-voce
- CO–PO mapping implemented for all programs
- 90%+ students achieve expected practical competency levels

5. Faculty Strength & Academic Discipline

- Faculty–student ratio: 1:15
- 100% qualified faculty as per norms
- 90%+ average student attendance
- Strict academic calendar adherence

6. Student Mentoring & Academic Support

- Mentor–mentee ratio: 1:20
- 2 remedial sessions/week for identified students
- 80% slow learners show improvement in internal assessments

7. Academic Performance & Pass Percentage (Quantitative)

RIT demonstrates consistent academic outcomes through structured teaching and mentoring:

- Overall semester pass percentage: 75–85%
- Final year pass percentage: 85–90%
- Practical examination pass rate: 90–95%
- Reduction in backlog subjects by 20–25% after remedial intervention
- 100% students appear in final examinations

✦ Emphasis on practical competency contributes significantly to higher success rates.

8. Placement & Career Outcomes (Quantitative)

The institute focuses on employability at diploma level through skill-based education and career guidance:

- Placement rate: 60–70% of eligible final-year students
- Core-sector placements: 50–60% (Electrical, Electronics, Automobile, Mechanical)
- Average salary package: ₹1.8 – ₹2.5 LPA
- Top roles: Technician, Junior Engineer, Maintenance Supervisor, Service Engineer
- 20–25% graduates opt for higher education or self-employment

◆ 100% students receive career guidance and placement support.

9. Infrastructure & Resource Optimization

- 20+ classrooms and labs in daily use
 - 100% classrooms with power supply and ventilation
 - 100% lab utilization & stock records maintained
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10. Statutory Compliance & Quality Assurance

- 100% AICTE compliance
 - Zero major non-compliances in recent inspections
 - Internal academic audits conducted each semester
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11. Vision-Oriented Institutional Growth

- 10% annual laboratory upgradation
 - Planned introduction of B.Tech and MBA programs
 - Target employability: 75%+ within 6 months of diploma completion
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Key Performance Indicators

Parameter	Performance
Practical Exposure	60–65%
Overall Pass %	75–85%
Final Year Pass %	85–90%
Placement %	60–70%
Core Sector Placement	50–60%
Avg. Salary	₹1.8–2.5 LPA
Faculty–Student Ratio	1:15


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