

GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF TECHNICAL EDUCATION
GOVERNMENT POLYTECHNIC :: RAJAMPETA

NBA Accredited ♦ AICTE Approved ♦ SBTET Affiliated ♦ Rajampeta, Annamayya Dist., AP

IQAC

INTERNAL QUALITY ASSURANCE CELL

ANNUAL QUALITY REPORT — ANNUAL QUALITY REPORT

Academic Year: 2024–25

"Continuous improvement is better than delayed perfection. — Mark Twain"

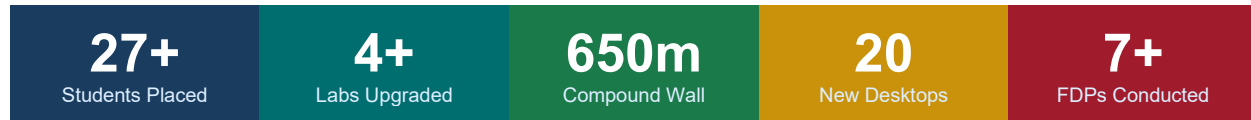
Dr Y. Sudhakar, M.Pharm, Ph.D — Principal & IQAC Chairman
gptrajampeta@gmail.com | 9010222176 | govtpolyrajampeta.ac.in

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SECTION 1 — INSTITUTIONAL PROFILE & IQAC OVERVIEW

Building on the quality foundations laid in 2023-24, the Academic Year 2024-25 at Government Polytechnic, Rajampeta marked significant institutional growth. The Regional Polytechfest 2024-25 was successfully hosted; the 650-metre compound wall was completed; four laboratories were modernised; the Skill Hour programme was formally launched; and campus placements grew by 23% over the previous year.

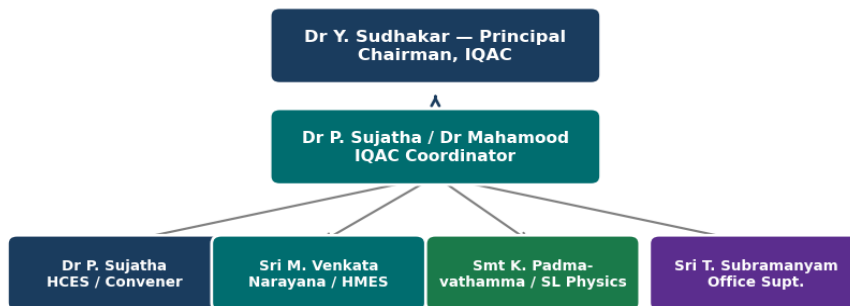


Parameter	Details
NBA Accreditation Status	DCE Accredited 2023-24 to 2026-27 (ongoing)
Major Event Hosted	Regional Polytechfest 2024-25 — Grand success
Skill Hour Launched	Cluster-Based Mandatory Skill Hour implemented from AY 2024-25
Lab Modernisation	SM Lab, TE Lab, Hydraulics Lab, Survey Lab — all upgraded
Hostel Facility	Extended to accommodate more students from rural areas
IRG Skill Courses	Cement Industry Skill Course + Revit Architecture (BIM) Course

SECTION 2 — IQAC COMMITTEE COMPOSITION 2024-25

Sl.No	Name	Designation	Role	Signature
1	Dr Y. Sudhakar	Principal	Chairman	
2	Dr P. Sujatha	Head of Civil Engineering Section (HCES)	IQAC Coordinator (Convener)	
3	Sri M. Venkata Narayana	Head of Mechanical Engineering Section (HMES)	Member	
4	Smt K. Padmavathamma	Senior Lecturer in Physics	Member	

IQAC Organizational Structure — Government Polytechnic, Rajampeta



SECTION 3 — IQAC MEETING 1: MINUTES & PROCEEDINGS

Date & Time	22nd July 2024 (Monday), 3:00 PM – 4:00 PM
Venue	Board Room, Government Polytechnic, Rajampeta
Chairperson	Dr Y. Sudhakar, Principal
Members Present	IQAC Coordinator, Senior Faculty Members
Ref. Circular	GPT/RJP/IQAC/2024-25/Meeting (Circular dated 07.07.2024)

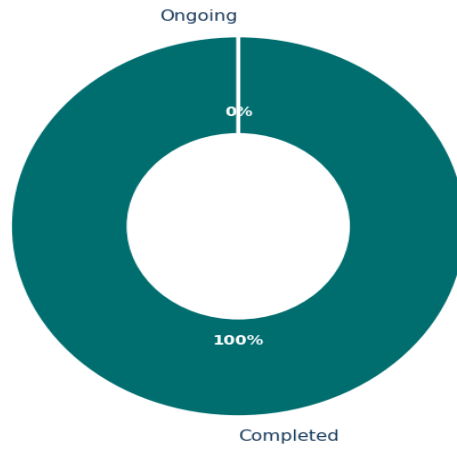
3.1 Agenda Items

Sl.	Agenda Item	Details
1	AQAR 2023–24 Preparation	Finalize & upload AQAR to NBA portal by 31 Jul 2024; departments to submit documentation
2	Orientation on IQAC Norms	New faculty orientation in first week of Aug on IQAC processes, documentation standards, quality benchmarks
3	Student Satisfaction Survey (SSS) Review	Review SSS analysis; share with departments; frame action plans for lab infrastructure, assessment clarity, student support
4	Institutional Rankings Participation	Prepare for state-level academic rankings; align documentation and academic practices
5	Mentor-Mentee System Launch	Formal mentor-mentee system to be launched from August 2024; HODs to submit allocation lists

3.2 Resolutions & Action Points — Meeting 1

Sl.	Action Item / Resolution	Responsible Unit	Deadline	Status
1	Finalize and upload AQAR 2023–24 to NAAC/NBA portal	IQAC Coordinator & Members	31 Jul 2024	Completed
2	Conduct orientation for new faculty on IQAC processes	IQAC	First week Aug 2024	Completed
3	Share SSS report with departments and draft action plans	IQAC & HODs	5 Aug 2024	Completed
4	Prepare for state-level academic rankings	All Departments & IQAC	Ongoing	In Progress
5	Submit mentor-mentee student allocation lists to IQAC	All HODs	10 Aug 2024	Completed

**Action Points Status — 2024-25
(Meeting 1)**



“The formal launch of the Mentor-Mentee system in 2024-25 marked a paradigm shift towards personalised student support – ensuring no student falls through the quality net.”

Sd/- Dr Y. Sudhakar, Principal & Chairman, IQAC

Date: 22 July 2024

SECTION 4 — IQAC MEETING 2: MINUTES & PROCEEDINGS

Date & Time	25th November 2024 (Monday), 3:00 PM – 4:30 PM
Venue	Board Room, Government Polytechnic, Rajampeta
Chairperson	Dr Y. Sudhakar, Principal
Members Present	All Internal IQAC Members; External Invitee present
Ref. Circular	GPT/RJP/IQAC/2024-25/Meeting (Circular dated 01.11.2024)

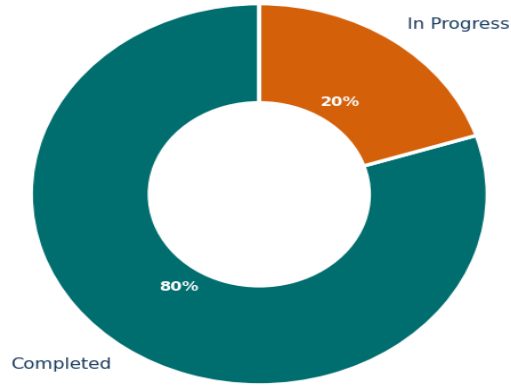
4.1 Agenda Items

Sl.	Agenda Item	Details
1	Internal Academic Audit & Benchmarking	Submit semester-wise academic outcome reports; CO/PO attainment; pass %; remedial measures; consolidated benchmarking report
2	Third-Party Academic Audit Readiness	Prepare for third-party audits in early 2025; documentation completeness — lesson plans, feedback records, assessment tools
3	Infrastructure Modernization	Proposal for lab modernisation submitted to governing body; stock registers and indent files to be updated
4	ICT & Digital Transformation	Expand LMS usage across all departments from Jan 2025; faculty orientation on content uploading, quiz integration, assignments; evaluate feedback analytics software

4.2 Resolutions & Action Points — Meeting 2

Sl.	Action Item / Resolution	Responsible Unit	Deadline	Status
1	Submit department-wise academic outcome reports (CO/PO attainment, pass %)	All HODs	10 Dec 2024	Completed
2	Prepare documentation for academic audit readiness	All Departments & IQAC	31 Dec 2024	Completed
3	Track lab modernization proposal progress	Office Superintendent & IQAC	As per GB response	In Progress
4	Begin LMS adoption and faculty training	Academic Coordinator & IQAC	From Jan 2025	Completed
5	Evaluate feedback analytics tools for institutional use	IQAC & IT Committee	15 Jan 2025	Completed

**Action Points Status — 2024-25
(Meeting 2)**



“The third-party audit readiness drive and LMS adoption initiative of November 2024 set the stage for digital transformation and academic transparency at GPT Rajampeta.”

Sd/- Dr Y. Sudhakar, Principal & Chairman, IQAC

Date: 25 November 2024

SECTION 5 — CONSOLIDATED ACTION POINTS TRACKER 2024-25

IQAC Meeting Timeline — Academic Year 2024-25



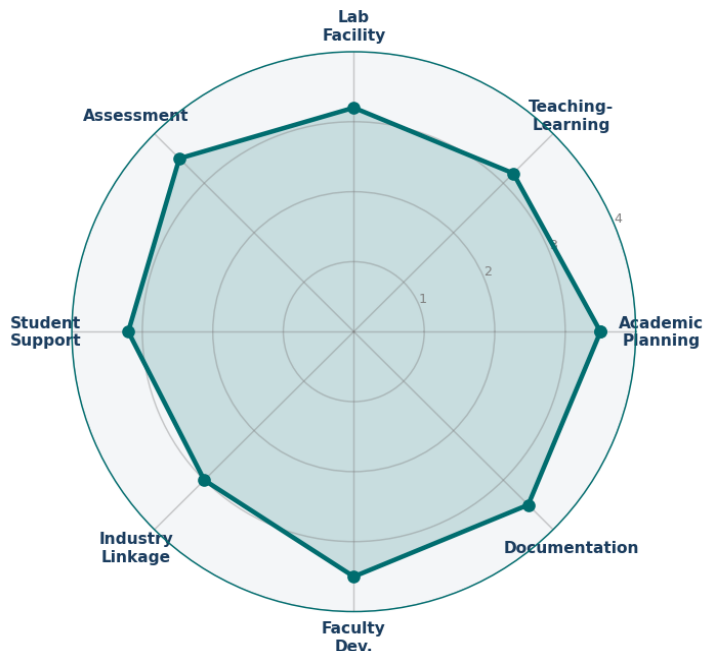
Sl.	Action Point	From Meeting	Responsible	Deadline	Status
1	Finalize & upload AQAR 2023–24	Meeting 1	IQAC Coordinator	31 Jul 2024	✓ Completed
2	New faculty orientation on IQAC norms	Meeting 1	IQAC	Aug 2024	✓ Completed
3	Share SSS report & frame action plans	Meeting 1	IQAC & HODs	5 Aug 2024	✓ Completed
4	State-level rankings preparation	Meeting 1	All Depts. & IQAC	Ongoing	○ Ongoing
5	Submit mentor-mentee allocation lists	Meeting 1	All HODs	10 Aug 2024	✓ Completed
6	Submit department-wise academic outcome reports	Meeting 2	All HODs	10 Dec 2024	✓ Completed
7	Prepare documentation for audit readiness	Meeting 2	All Depts. & IQAC	31 Dec 2024	✓ Completed
8	Track lab modernization proposal	Meeting 2	OS & IQAC	Per GB	In Progress
9	Begin LMS adoption & faculty training	Meeting 2	Acad. Coord. & IQAC	Jan 2025	✓ Completed
10	Evaluate feedback analytics tools	Meeting 2	IQAC & IT	15 Jan 2025	✓ Completed

Summary: 8 of 10 action points fully completed. Completion Rate: 80%. 2 items ongoing.

SECTION 6 — ACADEMIC QUALITY REVIEW 2024-25

6.1 Quality Radar Assessment

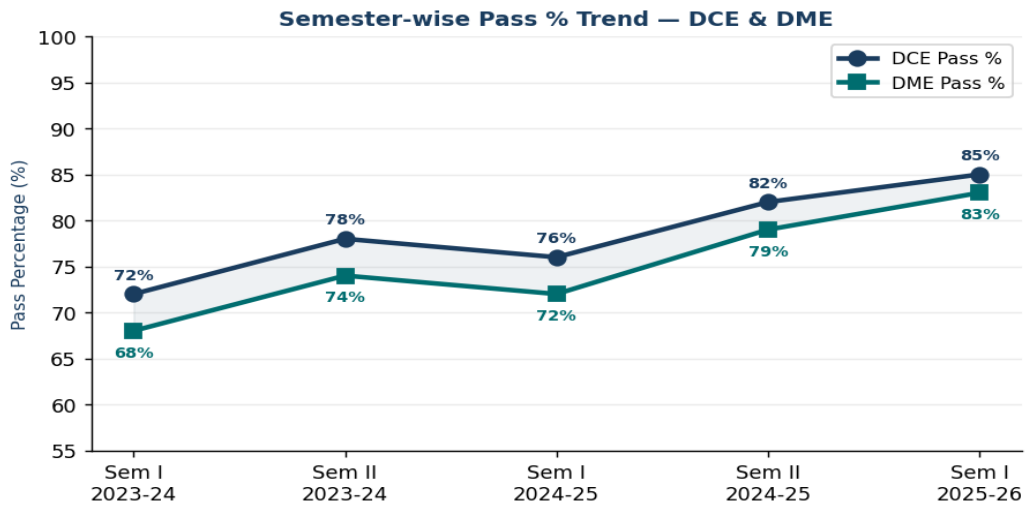
Quality Assessment Radar — 2024-25



Teaching-Learning Process Assessment

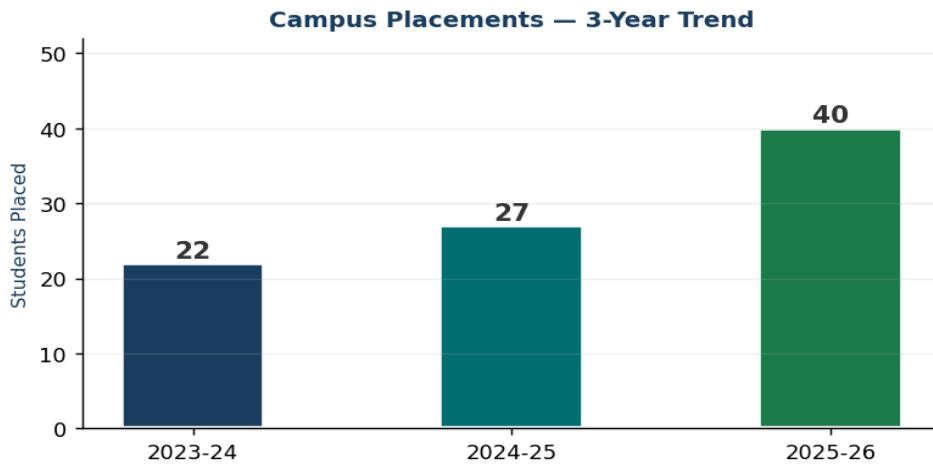
S.No	Parameter / Item	Score (0–4)	Remarks
1	Academic Calendar Prepared & Followed	3.5	Excellent
2	Skill Hour Integration (NEW 2024-25)	3.5	Excellent
3	Course File Preparation	3.5	Excellent
4	Lesson Plan & CO Mapping	3.5	Excellent
5	Syllabus Completion	3.5	Excellent
6	ICT Tool Usage (Smart Class, LMS)	3	Good
7	CO-PO-PSO Attainment Calculation	3.5	Excellent
8	Mentor-Mentee System Records	3.5	Excellent

6.2 Performance Analysis



Semester	DCE Pass %	DME Pass %	Key Improvement
Odd Semester 2024-25	76%	72%	Mentor-mentee system operational; targeted remediation
Even Semester 2024-25	82%	79%	LMS-based assignments introduced; visible improvement

6.3 Placement & Career Growth



Parameter	2024-25 Data	Improvement vs 2023-24
Campus Placements	27+ students	23% increase over 22 in 2023-24
Job Melas Participated	5+	25% increase
Employer Visits on Campus	8+	33% increase
Active MoUs	6	Maintained

SECTION 7 — IQAC INSPECTION — ACADEMIC DEPARTMENTS

7.1 DCE Department Inspection

Part B+C: Teaching-Learning & Lab Facilities

S.No	Parameter / Item	Score (0–4)	Remarks
1	Academic Calendar & Skill Hour Compliance	3.5	Excellent
2	Course Files with CO-PO Mapping	3.5	Excellent
3	Lesson Plans Updated	3.5	Excellent
4	ICT Usage Records (LMS, Smart Class)	3	Good
5	Lab Manuals & Equipment (Post-Upgrade)	3.5	Excellent
6	Lab Log Books & Safety Measures	3.5	Excellent
7	Internal Assessment & CO Attainment	3.5	Excellent

7.2 DME Department Inspection

Part B+C: Teaching-Learning & Lab Facilities

S.No	Parameter / Item	Score (0–4)	Remarks
1	Academic Calendar & Skill Hour Compliance	3.5	Excellent
2	Course Files Updated	3.5	Excellent
3	Universal Milling Machine Lab Records	3.5	Excellent
4	TE Lab & SM Lab Post-Upgrade Records	3.5	Excellent
5	Industrial Training Documentation	3.5	Excellent
6	Mentor-Mentee Records	3.5	Excellent
7	CO-PO Attainment & Result Analysis	3.5	Excellent

SECTION 8 — IQAC INSPECTION — OFFICE SECTIONS

Scholarship Section

S.No	Parameter / Item	Score (0–4)	Remarks
1	Scholarship guidelines & circulars available	3	Good
2	Student eligibility verification records	3	Good
3	Online scholarship applications status	3	Good
4	Sanction orders received	3	Good
5	Disbursement confirmation records	3	Good
6	Timely submission compliance	3	Good
7	Year-wise file maintenance	3	Good

Library & Learning Resources

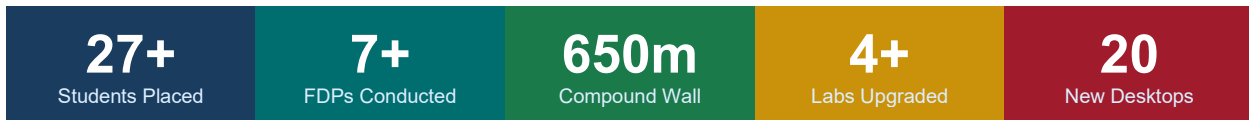
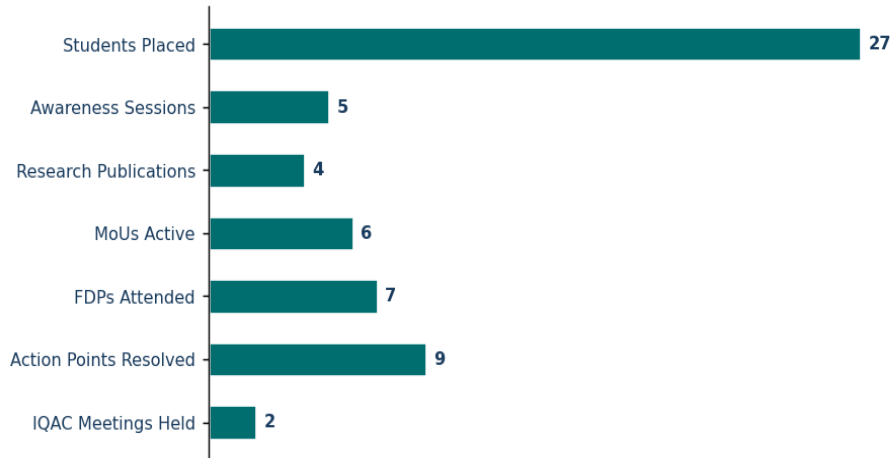
S.No	Parameter / Item	Score (0–4)	Remarks
1	Accession Register (up-to-date and signed)	3	Good
2	Issue/Return Register (students & staff)	3	Good
3	Digital Library Usage Logs	2	Satisfactory
4	Stock Verification Records (Annual)	3	Good
5	Library Advisory Committee Minutes	3	Good
6	Periodicals/Journal Subscriptions	3	Good

Training & Placement (TPC)

S.No	Parameter / Item	Score (0–4)	Remarks
1	Industrial Training Records (student-wise)	3.5	Excellent
2	Placement Brochures & Company Database	3.5	Excellent
3	Campus Interview / Selection Records	3.5	Excellent
4	MoU Records with Industries	3.5	Excellent
5	Career Guidance / Soft Skills Training Logs	3.5	Excellent
6	Alumni Tracking Register	3	Good

SECTION 9 — KEY ACHIEVEMENTS & HIGHLIGHTS 2024-25

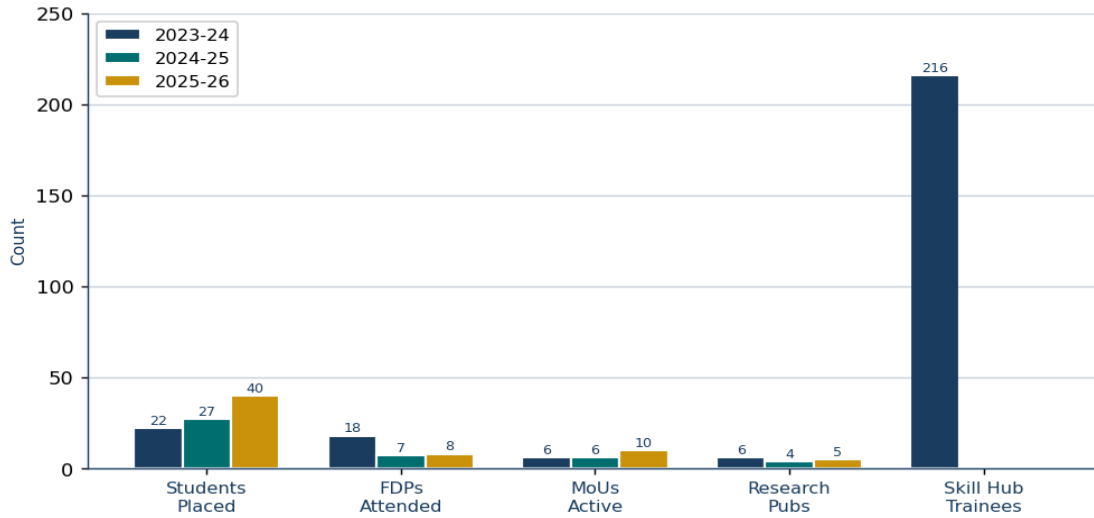
IQAC Key Initiatives — 2024-25



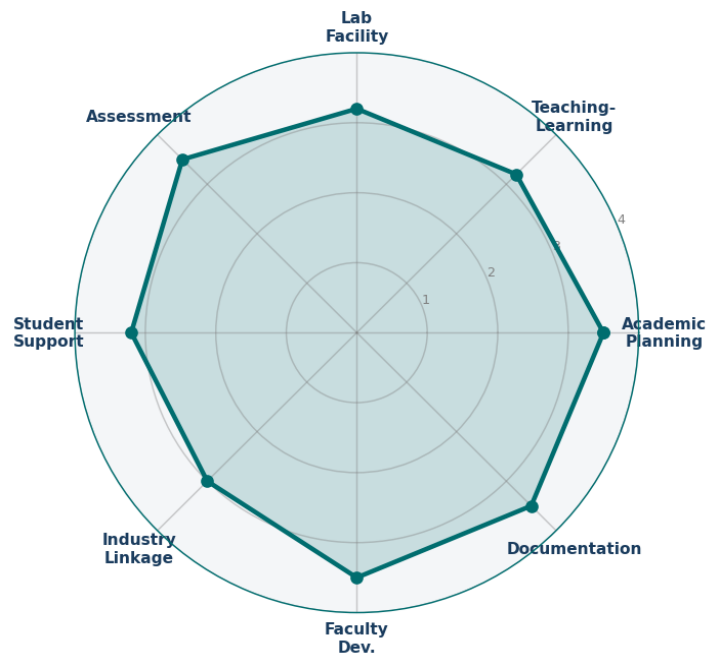
Achievement Category	Details
Regional Polytechfest 2024-25	Successfully hosted — declared grand success; GPT Rajampeta as regional event host
Compound Wall 650m	Landmark campus security milestone; RCC wall with pillars completed
Computer Lab Modernisation	20 high-specification desktops with AutoCAD, LAN, and UPS installed
Workshop Upgrade	Universal Milling Machine installed; DME workshop enhanced substantially
4 Labs Upgraded	SM Lab, TE Lab, Hydraulics Lab, Survey Lab — all modernised to industry standards
Skill Hour Launched	Cluster-based mandatory Skill Hour integrating AutoCAD, BIM, CNC, and IRG skill courses
IRG Skill Courses	Cement Industry Skill Course + Revit Architecture (BIM) Course for DCE students
LMS Adoption	Learning Management System deployed across departments from January 2025
Mentor-Mentee System	Formal mentor-mentee system launched — all students assigned dedicated faculty mentors
Campus Placements	27+ students placed — 23% growth over previous year

SECTION 10 — QUALITY METRICS AT A GLANCE

Year-wise Institutional Performance Metrics



Quality Assessment Radar — 2024-25



IQAC Meeting Timeline — Academic Year 2024-25



SECTION 11 — STUDENT & STAKEHOLDER FEEDBACK 2024-25

Feedback Source	Method	Key Findings	Action Taken
Students — Course Exit	Structured questionnaire, both semesters	Good lab upgrades appreciated; request for more digital resources	LMS deployed; e-resources subscription renewed
Students — General	Online SSS survey, July 2024	Mentor system welcomed; need for more industry visits expressed	Industrial visit frequency increased; alumni interaction added
Parents	PTA Meeting 2024	Positive feedback on infrastructure improvement; appreciation for Skill Hour	Results shared; Skill Hour scope to expand in 2025-26
Alumni	Annual alumni interaction + online survey	Good foundational skills; want more digital and AI tools exposure	AI/ML basics added to Skill Hour from 2025-26 onwards
Employers	Campus drive feedback	Students technically sound; need stronger communication skills	Communication skills workshops added to Semester IV curriculum

SECTION 12 — INFRASTRUCTURE MODERNISATION REPORT

Infrastructure Item	Specification / Details	Impact
Compound Wall — 650m	RCC wall with pillars & brick masonry panels; AP Govt. infrastructure grant	Campus security; aesthetic identity; community trust
Computer Lab — 20 Desktops	High-spec desktops with AutoCAD, design software, LAN, UPS, projector	Enhanced CAD/digital skills for all DCE & DME students
Universal Milling Machine	Horizontal, vertical & angular milling capability for DME workshop	Advanced machining exposure; industry-level skills
SM Lab Upgrade	UTM upgradation, improved loading frames, dial gauges	Better DCE/DME material testing practical outcomes
TE Lab Upgrade	IC engine test rigs upgraded, calorimeter modernised, heat transfer apparatus	DME thermodynamics & combustion practical quality enhanced
Hydraulics Lab Upgrade	Hydraulic bench, flow measurement apparatus, pump testing modernised	DCE fluid mechanics practical quality enhanced
Survey Lab Upgrade	New total station, digital theodolites, drawing instruments updated	DCE land surveying & mapping practical quality enhanced

SECTION 13 — ICT & DIGITAL TRANSFORMATION 2024-25

Initiative	Status	Outcome
LMS Deployment	Launched Jan 2025 across all departments	Course materials, assignments, and quizzes online for all subjects
Faculty LMS Training	Completed by Feb 2025 — all faculty trained	100% faculty capable of content upload and quiz integration
Digital Circulars	Adopted from Nov 2024 onwards	Paperless internal communication; records maintained digitally
AutoCAD Lab Upgrade	20 new desktops with licensed software	Enhanced CAD-based practical quality for DCE & DME
Smart Class Ready Infrastructure	Infrastructure prepared in 2024-25	Smart classrooms planned for installation in 2025-26
Online Feedback System	Digital feedback forms adopted for SSS	Quick analysis, faster action taken reports

SECTION 14 — FACULTY DEVELOPMENT & RESEARCH 2024-25

Faculty / Dept.	Programme Attended	Duration	Organiser
Civil Engineering	Advanced BIM & Revit Architecture Training	2 Days	Industry Partner
Civil Engineering	OBE & NBA Documentation Update	1 Day	DTE AP
Mechanical Engineering	CNC Advanced Programming & CAM	3 Days	NITTTR Chennai
Mechanical Engineering	Industry 4.0 & Smart Manufacturing	2 Days	MSME Tool Room
All Departments	NPTEL Certification — SWAYAM Platform	Self-paced	IIT / NPTEL
All Faculty	Student Counseling & Mentor System Orientation	1 Day	Internal Expert
All Departments	LMS Deployment & Digital Pedagogy	1 Day	Academic Coordinator

SECTION 15 — BEST PRACTICES DOCUMENTED 2024-25

Best Practice 1: Cluster-Based Mandatory Skill Hour

Objective

To embed structured, industry-aligned skill development into the academic timetable, bridging the gap between theoretical diploma education and practical employability requirements.

Implementation

Weekly Skill Hour sessions for all semester clusters; AutoCAD 2D/3D, Revit BIM, CNC basics, Quantity Surveying, Soil Testing, Sheet Metal Work, and CAM Software integrated as per semester progression.

Outcome

Students demonstrate measurable improvement in digital and practical skills; employer appreciation during campus drives; IRG Cement Industry course led to direct employment outcomes.

Best Practice 2: Formal Mentor-Mentee System

Objective

To provide every student with a dedicated faculty mentor for academic, career, and personal development guidance, ensuring no student is left unattended.

Implementation

All students assigned to faculty mentors (approx. 15–20 students per mentor); monthly mentor meetings recorded; mentor records maintained for IQAC review; special attention to slow learners and students at academic risk.

Outcome

Improved student satisfaction scores; reduction in dropout cases; better early identification of academic difficulties; parent communication via mentor improved substantially.

SECTION 16 — AQAR 2024-25 SUBMISSION STATUS

Item	Status
AQAR 2023–24 Finalization & Upload	Completed – Uploaded by Jul 2024
AQAR 2024–25 Data Collection	Initiated – Departments submit inputs by Jun 2025
AQAR 2024–25 Finalization	Planned by Jul 2025
Institutional Goals Achievement (2024–25)	8/10 goals substantially achieved
NBA DCE Compliance Documentation	Maintained; mid-term review completed
LMS Data for AQAR	Compiled from platform usage logs

SECTION 17 — ACTION POINTS FOR 2025-26 (FORWARD PLANNING)

Priority	Action Point	Responsible	Target Timeline
High	Pursue NBA accreditation for DME programme	Principal & IQAC	2025-26
High	Launch Innovation Hub & Tinkering Lab	Principal & OS	Jul 2025
High	Install Smart Classrooms in DCE & DME blocks	Principal & OS	Aug 2025
High	Commission Solar Energy System (30% target)	OS & IQAC	2025-26
High	Full Wi-Fi campus coverage including hostel	IT & OS	Jul 2025
Medium	Expand Skill Hour to include AI/ML & IoT modules	Academic Coordinator	Aug 2025
Medium	Establish Centre of Excellence in BIM & CAD/CAM	HOD Civil & IQAC	2025-26
Medium	Launch Entrepreneurship Development Cell (EDC)	IQAC & TPO	Aug 2025
Medium	Expand MoU partners to 10+ organisations	TPO & Principal	2025-26
Low	ARIIA registration and ranking documentation	IQAC Coordinator	Jul 2025

SECTION 18 — PRINCIPAL'S CERTIFICATION

IQAC ANNUAL QUALITY REPORT — CERTIFICATION

Academic Year: 2024–25

This Annual Quality Report has been prepared by the IQAC of Government Polytechnic, Rajampeta, based on actual data, documentation, meeting minutes, and institutional records for the Academic Year 2024–25. I certify that the information contained herein is accurate, evidence-based, and represents a true and fair account of the quality initiatives and achievements of the institution.

Dr Y. Sudhakar, M.Pharm, Ph.D

Principal & Chairman, IQAC — Government Polytechnic, Rajampeta

Date: _____ Seal: _____

“Sradhaavan Labhate Jnaanam — The Devoted Attain Knowledge”