

**Prasad V. Potluri Siddhartha Institute of Technology
(Autonomous)**

Kanuru, Vijayawada – 520 007

(Permanently Affiliated to JNTUK, KAKINADA, Accredited by NBA, Accredited with
A+ grade by NAAC, ISO 21001:2018 Certified Institute)

INTERNAL QUALITY ASSURANCE CELL (IQAC)



**EXTERNAL ACADEMIC AND
ADMINISTRATIVE AUDIT REPORT**

Name of the Department: Civil Engineering

2024 – 25

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)

(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

Name of Head of the Department: Dr. V. Jagadish

SNO	Name of the Program	Sanctioned Strength	Actual Strength
UG (Engineering)			
1	Civil Engineering	60	50
PG (Engineering)			
-	-	-	-
UG & PG TOTAL:		60	50

(1) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	A	Available
1.2	Revision / Update of regulation or syllabi	A	Updated regularly as per the AICTE, JNTUK and APSCHE guidelines
1.3	Number of value-added courses	A	2
	Number of students completed above courses	A	85
1.4	Implementation of Academic Calendar	A	Implemented
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	Given to the students in the beginning of the semester and made available in the website, Dept. Office
1.6	Academic, administrative set up and functioning	A	Functional set up is Available
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	A	2- Professor 11- Assistant Professor Teacher student ratio- 1:13 4- Non-Teaching Staff
1.8	Class rooms, program specific labs, computing facility and other labs availability	A	Available

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1.9	Attainment levels of the POs of the programme (Please attach Annexure if Required)	PO attainment level	
	B.Tech in Civil Engineering	A	All the PO's met the Target
1.10	New and Percentage of courses introduced	A	3 courses in 11 th Year B.Tech. (PVP23 regulation)
1.11	Lab Component	A	1. Modified roughness indicating machine, 2. Vernier transit theodolite, 3. Total station-3Nos, 4. Refrigerator-185 Ltr capacity 5. Blaine's air Permeability apparatus, 6. Reynold's Apparatus, 7. Soil block Press apparatus
	New Labs added		1
	No of new experiments introduced		9
	New Equipment/Hardware /software added		9
1.12	Number of and % of courses focusing on employability /entrepreneurship skill development	A	136(100%): employability, entrepreneurship, skill development
1.13	Number of students undertaken		108
	Field projects	B	1
	Internships	A	163

(2) Faculty information and their contribution

SNO	ITEM	GRADE	COMMENTS
2.1	Faculty Awards and recognitions	C	Nil
2.2	Faculty qualifications:	A	
	Percentage of existing faculty with PhD:		53.84 (7/13)
	Faculty awarded with PhD:		1
	Faculty submitted their PhD:		1
	Faculty pursuing PhD:		3
	Faculty registered for PhD		1
2.3	Faculty guiding /guided PhDs:	B	3 / Nil

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2.4	e-Content development / Lectures added to Web-resources (MOODLE)	A	Moodle (Uploaded by 13 faculty)
2.5	Number of conferences/seminars/ webinars/ workshops/FDPs attended for the enrichment of teaching - learning process	A	25
	Number and Percentage of faculty attended above programs	A	13 (100%)
2.6	Faculty interaction with outside world (BOS/NBA/Examiner for PhD evaluation / selection committee / Academic auditing / Chairperson /Chief guest /etc.)	A	Journal Editorial Member: 1, Journal Reviewing: 10, Faculty interaction: 17

(3) Teaching-Learning Process and Evaluation

SNO	ITEM	GRADE	COMMENTS
3.1	Mechanism and activities for slow learners Outcome	B	Students list identified, encouraged students to participate in events
3.2	Mechanism and activities for Advanced Learners Outcome	B	Training for Placements, Honors Courses, Encouraged for NPTEL courses, participation in events
3.3	Value added courses Outcome	A	2 programs conducted and 85 certificates provided for students
3.4	Initiatives taken for innovative mini and major projects -Training for students & faculty	A	4 programs conducted (1 FDP, 2 training programs, 1 workshop)
3.5	Monitoring of Teaching Learning Process	A	All lesson plans, Mentor Books, feedback forms

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			available
3.6	Initiatives undertaken towards faculty development	B	faculty taken financial assistance towards faculty development
3.7	Development Programmes for supporting staff	A	4 supporting staff attended 3 programmes

(4) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS
4.1	Research ambience, activity and innovation (quality & quantity)	A	Ambience is good and Incentives were provided
4.2	Innovative processes adopted in teaching & learning	A	Software Facility, Industrial Visits, Guest Lectures, Community Service Project, ISTE Contest.
4.3	Faculty publications in journals:	A	
	Scopus indexed:		6
	SCI / SCIE (Not ESCI):		1
	Total 10 (6- SCOPUS, 1- SCI, 3- OTHERS)		10
4.4	Publications in conferences:	C	Nil
	National (Scopus, SCI & equivalent): Nil		
	International (Scopus, SCI equivalent): Nil		
	Total: Nil		
4.5	Faculty contribution in:	A	
	books:		2
	book chapters:		2
	(Books/Chapters with ISBN only are considered)		
4.6	Government Funded R&D projects	D	Nil
	Applied: Nil		
	Ongoing: Nil		
	Completed: Nil		
4.7	Non- Government: Funded R&D projects / Industry sponsored projects	D	Nil
	Applied: Nil		
	Ongoing: Nil		
	Completed: Nil		
4.8	Consultancy	A	Consultancy works:

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	No. of faculty Involved:	A	52
	Consultancy amount earned:	A	6
	Faculty intellectual property rights / Patents:	A	Rs. 10.1 Lakhs
4.9	Filed: Nil	D	Nil
	Published: Nil		
	Granted: Nil		
4.10	In-house R&D grants & projects and their outcomes	A	6 Projects applied and sanctioned worth of Rs. 3.4 Lakhs
4.11	New research facilities/ laboratory facilities added	A	1. Modified roughness indicating machine, 2. Vernier transit theodolite, 3. Total station-3Nos, 4. Refrigerator-185 ltr capacity 5. Blaine's air Permeability apparatus, 6. Reynold's Apparatus, 7. Soil block Press apparatus
4.12	MOU's with industries/ R&D/ Premier Institutes Details of activities	A	14 MoU's (4 New MoU's)
4.13	Research centers of excellence established: 1 Outcome in research centers: 2 activities conducted	A	Centre of excellence in collaboration with Ultra Tech Cement Pvt Ltd established
4.14	Skill development centers established: outcome: Nil	C	Nil
4.15	Incubation centers: - Established with outside Industries: Nil -Status of incubation: Nil	D	Nil
4.16	Start-ups & Entrepreneurships: Nil No of Start-ups & status: Nil Awards from outside platforms: 1	D	Best ICI Student Chapter Award

(5) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
5.1	Transformation rate from I year to II year (passed all subjects in first attempt)	C	48% (24 out of 50)
5.2	Professional society/Chapter activities	A	19 (ISTE, ICI, IGBC)

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5.3	Number of capability enhancement and development schemes	A	2 (Total station skill training and Primavera training)
5.4	Support for competitive examinations and career counselling	A	2 seminars on higher education, 8 Guest lectures from Academia, 16 Guest lectures from Industry, 33 Guest lectures from Alumni
5.5	Number of students who opted for higher studies	B	2
5.6	Student pass percentage		
	First Year I SEM	B	44.68%
	First Year II SEM		66.67%
	Second Year I SEM		44.83%
	Second Year II SEM	A	70.18%
	Third Year I SEM		73.21%
	Third Year II SEM		67.86%
	Final Year I SEM		96.15%
	Final Year II SEM		100%
	Pass percentage of the outgoing batch		86.54%
	No of students who have graduated without backlogs in any semester of study	B	31
5.7	Placements		
	Total No of Final Year Students(N)		52
	No of students placed in the companies (X) (headcount only)	B	37
	Percentage of Placements (X/N)		71.54%
	No of students placed (Pay Package \geq 10 Lakhs)		Nil
	No of students placed (Pay Package $<$ 10 Lakhs and \geq 5 Lakhs)		Nil
	No of students placed (Package \leq 5 Lakhs)		37
	Highest pay Package		4.36L
	Minimum Pay Package		1.44L
	Average pay package		2.27L
	Median pay package		2.16L

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Quality Circles and Outcome

(Please attach Annexure if required)

1. The department has a quality circle on consultancy
2. Outcomes:

The department of Civil Engineering has implemented a quality circle focused on consultancy, leading to a noteworthy of Rs.10,11,462/- to the year 2024-25. This initiative demonstrates the quality circles commitment to ongoing monitoring, progress assessment, and continual improvement in their operations.

Best Practices in the Department

(Please attach Annexure if required)

1. Reasonable Consultancy through Quality Circle Initiatives
2. Good number of summer internships, programmes and guest lectures

SUMMARY

The Department of Civil Engineering has demonstrated a strong commitment to practical application and consultancy, evidenced by significant revenue generation and the establishment of industry-collaborative centres. However, the department faces critical challenges regarding student academic progression in lower semesters and the acquisition of government-funded research grants. The teaching-learning process is well-structured, though outcomes in terms of high-value placements and initial student pass rates require immediate strategic intervention.

STRENGTHS OF THE DEPARTMENT:

- Quality Circle on Consultancy resulted in revenue generation (Rs. 10.1 Lakhs).
- A good number of (14) MoUs in place and an active Centre of Excellence with Ultra Tech Cement.
- All the faculty participated in enrichment programs and over 50% are holding Ph.Ds.
- Well-equipped labs with recent high-value additions such as Total Stations.
- Weekly interactions with alumni and bi-weekly interaction with industry experts and monthly interaction with leading academicians.

WEAKNESSES OF THE DEPARTMENT:

- Very low pass rate (48%) for students moving from 1st to 2nd year. The low pass percentage in early semesters poses a threat of increased dropouts or detained students.
- Absence of government-funded R&D projects or patents.
- While placement quantity is decent, the pay packages are low, with zero offers above 5 LPA.

SUGGESTIONS FOR IMPROVEMENTS:

1. Academic performance of First-Year Students: The 48% transition rate from I year to II year requires immediate attention.

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- ✓ Implement a mandatory "Bridge Course" for incoming students to strengthen fundamentals.
 - ✓ Introduce remedial classes specifically for the subjects causing the 44.68% pass rate in Semester I.
2. Elevate Research: While consultancy is excellent, the department lacks "Scientific Research" recognition (Grants/Patents).
- ✓ The faculty members involved in consultancy should be incentivized to convert their industrial findings into patent filings or research papers.
 - ✓ Form a special committee to draft proposals for DST/SERB funding, as current government funding is Nil.
3. Improve Placement Quality: While placement quantity is decent, the pay packages are low.
- ✓ Offer value-added courses on digital construction tools which can fetch higher salaries than traditional site engineering roles.
 - ✓ Leverage the MOUs not just for activities, but specifically for placing students in niche technical roles.
 - ✓ With 33 guest lectures from alumni, there is an opportunity to formalize this into a mentorship program for placements.
4. Enhance Professional Society Integration: With 19 activities under ISTE/ICI/IGBC and a "Best ICI Student Chapter Award", the department is active.
- ✓ Use these platforms to host a national-level hackathon or design challenge to increase department visibility and attract better recruiters.
5. Faculty PhD Completion: With 3 faculty currently pursuing PhDs, the department should provide workload reduction to ensure these are completed to improve the Ph.D. ratio.

Name and Signature of the Departmental IQAC Coordinator: Dr. K. V. Subhash

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12/12/24

Name and Signature of the Head of the Department: Dr. V. Jagadish

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12/12/24

Name and Signature of the External Auditor:

Professor
Dept. of Civil Engineering
PVP Siddhartha Institute of Technology
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1. Prof. A. Sarath Babu

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12/12/24

2. Prof. A. Venu Gopal

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Name and Signature of the IQAC Coordinator

Name and Signature of the Principal

B. Raghav Kumar
(Prof. B. Raghav Kumar)

PVP Siddhartha Institute of Technology
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K. Sivaji Babu
(Prof. K. Sivaji Babu)

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INTERNAL QUALITY ASSURANCE CELL (IQAC)



**EXTERNAL ACADEMIC AND
ADMINISTRATIVE AUDIT REPORT**

Computer Science & Engineering

2024 – 25

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)

(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

Name of Head of the Department: Dr. A. Jayalakshmi

SNO	Name of the Program	Sanctioned Strength	Actual Strength
UG (Engineering)			
1	B. Tech. Computer Science & Engineering	240	263
PG (Engineering) NIL			
UG & PG TOTAL:		240	263

(I) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
I.1	Feedback on curricular and other aspects from stakeholders: Yes	A	Feedback from students, alumni, parents and faculty is collected regularly
I.2	Revision / Update of regulation or syllabi: Yes	A	Syllabus is revised in 2023 - PVP23 regulation as per CBCS and APSCHE
I.3	Value added courses: NPTEL – 27 Spoken Tutorials: 5 Mobile Application Development using Flutter - 1 Infosys Springboard : 5	A	A good number of value-added courses were conducted.
	Number of students completed above courses: • 252 students certified through NPTEL • 300 students certified through Spoken tutorial course organized by IIT Bombay • 423 students certified through Infosys Springboard • 142 students benefitted from MAD using FLUTTER.	A	A large number of students have completed the certificate courses.
I.4	Implementation of Academic Calendar: YES	A	
I.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi:	A	Available on Institute Website
I.6	Academic, administrative set up and functioning:	A	Well defined administrative set-up in place.

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1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength Professors: 04 Associate Profs: 05 Assistant Profs.: 23 Teacher student ratio - 18.56 Non-teaching staff strength: 12	A	Though the SFR is below 20, it can be improved to 15.
1.8	Class rooms, program specific labs, computing facility and other labs availability Class Rooms – 10 Seminar Hall-I Incubation Center-I Specific Labs – 5	A	The required classrooms and laboratories for UG program are in place.
1.9	Attainment levels of the POs of the programme (Please attach Annexure if Required) Target – 1.98 B.Tech in Computer Science. & Engineering Annexure – 1	PO attainment level A	Majority of the POs met the set targets.
1.10	New and Percentage of courses introduced PVP23: New Courses (100% change): 4 20% change:4	A	
1.11	Lab Component New Labs added No of new experiments introduced Operating Systems Lab Full Stack Development – 1 Lab New Equipment/Hardware/software added: • Equipment - 15,42,110/- • Microsoft License - 11,78,810/- (College Level)	A A	
1.12	Number of and % of courses focusing on employability /entrepreneurship skill development PVP23 Employability 106 Skill Development 10 Entrepreneurship 3 Total Courses 119	A	
1.13	Number of students undertaken Field projects 03 batches Internships: 646 Paid: 75	B A	Significant number of paid internships.

(2) Faculty information and their contribution

SNO	ITEM	GRADE	COMMENTS
2.1	Faculty Awards and recognitions: • NPTEL discipline star Awards: 3 • NPTEL SPOC A Grade		Significant recognition at National and

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	<ul style="list-style-type: none"> • ACM ICPC Mentoring – 5 • UNESCO World Engineer's Day Judging panel member • JNTUK ratification interviews subject expert • BOS member • IEEE R10 ACEI Entrepreneurship Ambassador • Recognized as Faculty Innovation Fellow for Stanford University 	A	International level.
2.2	Faculty qualifications: Percentage of existing faculty with PhD: 15/32 = 46.87 Faculty awarded with PhD: NIL Faculty submitted their PhD: 2 Faculty pursuing PhD: 17 Faculty registered for PhD: NIL	B	Incentives and relaxations may be provided to faculty pursuing PhD.
2.3	Faculty guiding /guided PhDs: 1	B	
2.4	e-Content development / Lectures added to Web-resources: Yes (MOODLE)	A	
2.5	Number of conferences/seminars/ webinars/ workshops/FDPs attended for the enrichment of teaching - learning process: Conferences-6 Workshops-7 FDP-72 Certification-21 Training program-1 Number and Percentage of faculty attended above programs 30(94%)	A	A large participation in Continuing Education Programs.
2.6	Faculty interaction with outside world (BOS/NBA/Examiner for PhD evaluation / selection committee / Academic auditing / Chairperson /Chief guest /etc.) <ul style="list-style-type: none"> • ACM ICPC Mentoring – 5 • UNESCO World Engineer's Day Judging panel member – 1 • JNTUK ratification interviews subject expert - 1 • BOS member - 1 • IEEE R10 ACEI Entrepreneurship - 1 • IQAC External Audit member – 1 	B	More faculty members need to participate in Outreach activities.

(3) Teaching-Learning Process and Evaluation

SNO	ITEM	GRADE	COMMENTS
3.1	Mechanism and activities for slow learners: Yes, Remedial Classes Outcome: Observed Improvement in 79% of students	A	Good improvement.
3.2	Mechanism and activities for Advanced Learners Encouraged to participate in		A large number of initiatives

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	<p>a) Certification courses such as NPTEL, Infosys, Microsoft etc.</p> <p>b) Coding platforms such as Hackerank, Codechef, Leetcode, SPOJ, Interviewbit etc.</p> <p>c) National level Competitions and Hackathons</p> <p>d) ACM Winter/Summer School Training</p> <p>Outcome:</p> <ul style="list-style-type: none"> • 252 students certified through NPTEL ○ Elite + Gold - 1 ○ Elite + Silver - 59 ○ Elite - 107 ○ Top 1% - 04 ○ Top 2% - 05 ○ Top 5% - 16 ○ DISCIPLINE STAR AWARDS - 04 • All 2nd and 3rd year students attempted contests in all platforms - 215 + 218 = 433 • 2 teams got selected for AICTE Hackathon 2024 Grand Finale • ACM Winter/Summer school Participation - 21 	A	were undertaken.
3.3	<p>Value added courses:</p> <p>NPTEL - 27</p> <p>Spoken Tutorials: 5</p> <p>MAD using Flutter - 1 (142)</p> <p>Infosys Springboard: 5</p> <p>Outcome:</p> <ul style="list-style-type: none"> • 252 students certified through NPTEL • Total 300 students certified through Spoken tutorial course organized by IIT Bombay 	A	A significant number of students completed the certification courses.
3.4	<p>Initiatives taken for innovative mini and major projects</p> <ul style="list-style-type: none"> - Training for students & faculty - Encourage students to develop models and application-oriented projects - Encourage students to select problems from latest research domain and publish their work in journals <p>Outcome: Students Publications: Scopus Indexed: 2 (Journal) + 15 (conference) - Total: 17</p>	A	Initiatives resulted in 2 Journal and 15 conference papers, which is quite significant.
3.5	Monitoring of Teaching Learning Process: Yes (Lesson Plan)	A	
3.6	<p>Initiatives undertaken towards faculty development</p> <p>Faculty attend minimum 2 FDPs on Latest Technologies organized by IITs, NITs, ATAL and Premier Institutes</p>	A	Every faculty is mandated to attend at least two programs.
3.7	<p>Development Programmes for supporting staff</p> <p>Workshop on "Python Programming"</p>	A	

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(4) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS
4.1	Research ambiance, activity and innovation (quality & quantity) All faculty members are actively involved in research through Research Groups	C	
4.2	Innovative processes adopted in teaching & learning 1. Partial course delivery by Industry Experts for Advanced Courses 2. Innovative teaching methodologies are being implemented by all faculty 3. Video Assignments for some of the courses 4. Implemented Project based learning for some of the lab courses	A	Partial course delivery by Industry Experts, Video Assignments and Project based learning are very good initiatives.
4.3	Faculty publications in journals: Scopus indexed: 25 SCI / SCIE (Not ESCI): 8 Total :33	A	The quantity and quality of publications are good.
4.4	Publications in conferences: National (Scopus, SCI & equivalent) : - International (Scopus, SCI equivalent) : 7 Total: 7	B	Faculty may be encouraged to participate and present in conferences.
4.5	Faculty contribution in: books: - 1 book chapters: 06 (Books/Chapters with ISBN only are considered)	A	
4.6	Government Funded R&D projects Applied: 3 Total Amount: 1,48,19,983/- Ongoing: - Total Amount: - Completed: - Total Amount: -	C	The Department shall take steps to ensure at least one sanctioned project in the next year.
4.7	Non- Government Funded R&D projects / Industry sponsored projects Applied: 1 Total Amount: 76,000/- Ongoing: 1 Total Amount: 76,000/- Completed: - Total Amount: -	B	Needs improvement.
4.8	Consultancy: Sanctioned - 25,000 USD No. of faculty Involved: 2 Consultancy amount earned: Rs. 4,57,000/-	A	Steps may be taken to increase the quantity.
4.9	Faculty intellectual property rights / Patents: Filed: Published: 2 Granted:	B	Ensure that the published patents are granted.
4.10	In-house R&D grants & projects and their outcomes Projects:2 Amount : 1,34,000/-	B	More faculty members need to

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4.11	New research facilities/ laboratory facilities added Adequate laboratory facilities are available		utilize these internal grants.
4.12	MOU's with industries/ R&D/ Premier Institutes Details of activities : -	B	
4.13	Research centers of excellence established: Outcome in research centers : -	B	
4.14	Skill development centers established: outcome: -	B	
4.15	Incubation centers: - Established with outside Industries: - -Status of incubation: -	C	
4.16	Start-ups & Entrepreneurships: - No of Start-ups & status: - Awards from outside platforms: 4	C	

(5) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
5.1	Transformation rate from I year to II year (passed all subjects in first attempt) : 175/198	A	Good rate of transformation.
5.2	Professional society/Chapter activities ACM: 02 ISTE: 03 CSI: 02	A	
5.3	Number of capability enhancement and development schemes <ul style="list-style-type: none"> 25 students participated in National Entrepreneurship challenge organized by IIT Bombay Google Developer Student Club Aspire Leaders Program by Aspire Institute USA 	A	
5.4	Support for competitive examinations and career counselling Neopat tool - Aptitude and Logical Reasoning	A	
5.5	Number of students who opted for higher studies 46	A	Good number of students.
5.6	Student pass percentage First Year I SEM 94.66% First Year II SEM 93.51% Second Year I SEM 92.17% Second Year II SEM 90.28% Third Year I SEM 85.23% Third Year II SEM 87.62% Final Year I SEM 97.18% Final Year II SEM 100% Pass percentage of the outgoing batch 95.31% No of students who have graduated without backlogs in any semester of study : 162/213	A	The pass percentage is quite good.

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5.7	Placements		
	Total No of Final Year Students(N): 213	B	Good placement % observed. The quality of placements needs improvement.
	No of students placed in the companies (X) (headcount only) 181		
	Percentage of Placements (X/N) 84.9% (181/213)		
	No of students placed		
	(Pay Package >= 10 Lakhs) 4		
	No of students placed		
	(Pay Package < 10 Lakhs and >=5 Lakhs) 54		
	No of students placed		
	(Package < =5 Lakhs) 123		
	Highest pay Package 18 LPA		
	Minimum Pay Package 2.40 LPA		
	Average pay package 5.27 LPA		
	Median pay package 4.6 LPA		

Quality Circles and Outcome

(Please attach Annexure if required)

Annexure -2

Best Practices in the Department

(Please attach Annexure if required)

Annexure -3

SUMMARY

The Department of Computer Science & Engineering demonstrates strong academic performance with high student pass percentages and a very good placement record. The curriculum is up-to-date (PVP23 Regulation), and the department has successfully integrated value-added courses and industry interactions. While consultancy work shows promise with international projects, government-funded research remains an area requiring immediate conversion from "applied" to "sanctioned."

STRENGTHS OF THE DEPARTMENT:

- Outstanding pass percentage (95.31% for outgoing batch) and zero backlogs for 162/213 graduates.
- Strong placement rate (84.9%) with a high package of 18 LPA.
- Successful execution of international consultancy (JP Morgan Chase) worth \$25,000.
- High volume of certifications (423 Infosys Springboard, 300 Spoken Tutorial).
- As 17 faculty members are currently pursuing Ph.D.s, there is a scope to double research output soon.
- 3 Faculty members secured Discipline-Star Certification from NPTEL.

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WEAKNESSES OF THE DEPARTMENT:

- Despite applying for ₹1.48 Crores, there are zero ongoing or completed government-funded R&D projects.
- Less than 50% of the faculty (46.87%) currently hold a Ph.D.
- The department currently has no Post Graduate (M.Tech) program.
- The majority of placed students (123) are in the <5 LPA bracket.

SUGGESTIONS FOR IMPROVEMENTS:

1. Accelerate Faculty Ph.D. Completion: 17 Faculty members are currently pursuing Ph.D.s.
 - ✓ The department should implement a rigid timeline and support mechanism (reduced workload) to ensure these faculty members graduate within the next 2 academic years. This will significantly improve the cadre ratio and research capability.
2. Strategic Focus on High-Value Placements: While 181 students were placed, 123 of them received packages of < 5 Lakhs, and only 4 received > 10 Lakhs.
 - ✓ The "Skill Oriented Training" quality circle should focus toward product-based company preparation. The coding challenges on CodeChef/SPOJ are a good start, but should be intensified for the top 20% of the class to target packages above 10 LPA.
3. Conversion of R&D Proposals: ₹1.48 Crores in government projects have been applied for, but none were sanctioned.
 - ✓ The Research Groups (AI, Learning & Computing, Networks) must review rejected proposals, seek external mentorship from IIT/NIT peers, and re-apply. The department must target at least one sanctioned government grant in the next year.
4. Leverage Consultancy for Intellectual Property: The department has a prestigious \$25,000 project with JP Morgan but only 2 published patents.
 - ✓ Address examination reports of patents promptly to move from "Published" status to "Granted" status.

Name and Signature of the Departmental IQAC Coordinator:  Ms. D. Sree Lakshmi

Name and Signature of the Head of the Department: Dr. A. Jayalakshmi  HEAD

Name and Signature of the External Auditor:

1. Prof. A. Sarath Babu 
2. Prof. A. Venu Gopal 

Dept. of Computer Science & Engg
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Name and Signature of the IQAC Coordinator

Name and Signature of the Principal


(Prof. B. Raghav Kumar)


(Prof. K. Sivaji Babu)

IQAC Coordinator
PVP Siddhartha Institute of Technology
Vijayawada

PRINCIPAL
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VEDAYAPALLE - 522007

**Prasad V. Potluri Siddhartha Institute of
Technology**

(Autonomous)

Kanuru, Vijayawada – 520 007

*(Permanently Affiliated to JNTUK, KAKINADA, Accredited by NBA, Accredited with
A+ grade by NAAC, ISO 9001:2015 Certified Institute)*

INTERNAL QUALITY ASSURANCE CELL (IQAC)



EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT

Name of the Department: ECE

2024 – 25

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)

(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

Name of Head of the Department: Dr. C. Subba Rao

SNO	Name of the Program	Sanctioned Strength	Actual Strength
UG (Engineering)			
	B.Tech in Electronics and Communication Engineering	120	132
UG Total		120	132
PG (Engineering)			
	M.Tech (Microwave and Communication Engineering)	06	01
PG Total		06	01
UG & PG TOTAL:		126	133

(I) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	A	Feedback from Parents, students, alumni and employers is available
1.2	Revision / Update of regulation or syllabi	A	The curriculum is updated as per PVP23 regulations
1.3	Academic activity conducted beyond the prescribed curriculum during the AY:2024-25	A	Different activities conducted under EDC,VE Cell, JETE,ISTE and IE
1.4	Total No. of teaching days during the AY:2024-25	A	Academic calendar is strictly followed

A.S. Sanyal
12/12/25

SPD
12/12/25

1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	Available in the website and distribute to concerned subject faculty.
1.6	Academic, administrative set up and functioning	A	Well defined academic and administrative set up is in place.
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	A	Professors-1 Associate Professors-8 Assistant Professors-17 Non-teaching staff-8+2 Teacher student ratio – 1: 17
1.8	Class rooms, program specific labs, computing facility and other labs availability	A	7Class Rooms + 1e-Class Room + 1Tutorial + 1 Seminar Hall Programme specific labs & computing facility-4 other labs-4
1.9	Attainment levels of the POs of the programme B. Tech in Electronics and Communication Engineering	A	PO attainments are calculated.
1.10	New courses introduced	A	From AY2023-24 onwards new regulations have been implemented with PVP 23 course structure and syllabus. Course Structure and Syllabus book is available
1.11	Lab Component	A	Lab component is fixed as per Recommendations made by BOS members.

1.12	Number of and % of courses focusing on employability /entrepreneurship skill development		Employability /entrepreneurship/ skill development courses=143,value added courses-02
1.13	Number of students undertaken	A	full time field projects: 04 -full time internships: III Year: 139 IV Year: 139

(2) Faculty information and their contribution

Faculty information and their contribution				
SNO	ITEM	GRADE	COMMENTS	
2.1	Faculty Awards and recognitions	B	Faculty participated in NPTEL exams and secured Elite certificate	
2.2	Faculty qualifications: Percentage of existing faculty with PhD:15/27=57.69% a. Faculty awarded with PhD:02 b. Faculty submitted their PhD: 03 c. Faculty pursuing PhD:09 d. Faculty registered for PhD: NIL	A		
2.3	Faculty guiding /guided PhDs:	A	03/00	
2.4	e-Content development / Lectures added to Web-resources	A	All the course material is uploaded in Moodle and Google class room	
2.5	List of conferences/seminars/ webinars/ workshops/FDPs attended for the enrichment of teaching - learning process			
		Less than a week	One week	Two week
	Number of Programs	9	20	7

	Number of faculty attended FDPs without Financial Assistance (Less than 5,000/-)	-	-	-
	Number of faculty attended FDPs with Financial Assistance (More than 5,000/-)	5 days (3 members)	-	-
2.6	Faculty interaction with outside world (BOS/NBA/Examiner for PhD evaluation / selection committee / Academic auditing / Chairperson /Chief guest /etc.) Nil	B	02	

(3) Teaching-Learning Process and Evaluation

SNO	ITEM	GRADE	COMMENTS
3.1	Mechanism and activities for slow learners Outcome	A	Remedial classes are conducted. Registers are available.
3.2	Mechanism and activities for Advanced Learners Outcome NPTEL, Infosys Course, Spoken tutorial Student Publications: 4 Conferences	A	Training is offered on latest technologies
3.3	Value added courses Outcome: Enhanced knowledge and skills Outcome: PCB -140 BYTS:120	A	02 programs are conducted
3.4	Initiatives taken for innovative mini and major projects -Training for students & faculty	A	3 faculty members attended industrial training offered by Efftronics systems Pvt.Ltd
3.5	Monitoring of Teaching Learning Process	A	All lesson plans, feedback forms available

A. S. Bhat
12/12/24

3.6	Initiatives undertaken towards faculty development	A	3 faculty members attended FDP with financial assistance
3.7	Development Programmes for supporting staff	A	Encourage supporting staff to upgrade their skills by conducting one training course every year

(4) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS										
4.1	Research ambiance, activity and innovation (quality & quantity)	A	JNTUK Research centre is established in ECE dept of PVPSIT.										
4.2	Innovative processes adopted in teaching & learning	A	Several practices followed by faculty. Proofs are available										
4.3	Faculty publications in journals: Scopus indexed: SCI / SCIE (Not ESCI): Total: <table><tr><td></td><td>Journals</td></tr><tr><td>SCI/WOS</td><td>03</td></tr><tr><td>Scopus</td><td>26</td></tr><tr><td>Others</td><td>~</td></tr><tr><td>Total</td><td>29</td></tr></table>		Journals	SCI/WOS	03	Scopus	26	Others	~	Total	29	A	
	Journals												
SCI/WOS	03												
Scopus	26												
Others	~												
Total	29												
4.4	Publications in conferences: - National (Scopus, SCI & equivalent) - International (Scopus, SCI equivalent) - Total: <table><tr><td></td><td>Conferences</td></tr></table>		Conferences	A									
	Conferences												

	<table><tr><td>SCI/WOS</td><td>--</td></tr><tr><td>Scopus</td><td>09</td></tr><tr><td>Others</td><td>--</td></tr><tr><td>Total</td><td>09</td></tr></table>	SCI/WOS	--	Scopus	09	Others	--	Total	09		
SCI/WOS	--										
Scopus	09										
Others	--										
Total	09										
4.5	Faculty contribution in:books:book chapters: (Books/Chapters with ISBN only are considered)	C	--								
4.6	Government: Funded R&D projects	D	--NIL--								
4.7	Non- Government: Funded R&D projects / Industry sponsored projects	A	Rs 14.5L from Efftronics Systems Pvt.Ltd.								
4.8	Faculty involved in Consultancy & amount earned	D	-- NIL--								
4.9	Faculty intellectual property rights / Patents: Filed:..NIL, Published - 4, Granted - 4	A									
4.10	In-house R&D grants & projects and their outcomes	A	Rs. 3.5L from SAGTE								
4.11	New research facilities/ laboratory facilities added	A	Cadence, FPGA boards								
4.12	MOU's with industries/ R&D/ Premier Institutes Details of activities	A	018 MoUs in place								
4.13	Research centers of excellence established: Outcome in research centers	A	CoE on Embedded systems with weather monitoring								
4.14	Skill development centers established: outcome:	C	-- NIL--								
4.15	Incubation centers: - Established with outside Industries : -Status of incubation:	A	Incubation centre exculsive to the Department								
4.16	Start-ups & Entrepreneurships: No of Start-ups & status: Awards from outside platforms:	D	--NIL--								

7 A. S. Baghel 12/12/25

12/12/25

(5) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
5.1	Transformation rate from I year to II year (passed all subjects in first attempt) 60.60%	B	
5.2	Professional society/Chapter activities	A	ISTE: 2 IETE: 4 IE:2
5.3	Number of capability enhancement and development schemes	A	Internships, skill courses Community Service Project
5.4	Support for competitive examinations and career counselling	A	Higher Education IELTS:2
5.5	Number of students who opted for higher studies AY 2023-24 MS-12	A	
5.6	Student pass percentage		
	Year	Sem.	Pass Percentage
	II	I	66.67%
		II	84.89%
	III	I	71.83%
		II	69.06%
	IV	I	88.41%
		II	100%
	Passed out with Backlogs		48/138
	Passed out without backlogs		71/138
5.7	Placements		
	Total No of Final Year Students(N)	B	138
	No of students placed in the companies (X)		117
	Percentage of Placements (X/N)		84.78
	No of students placed (Pay Package \geq 10 Lakhs):		NIL
	No of students placed (Pay Package $<$ 10 Lakhs and \geq 5 Lakhs)		12
	No of students placed (Package $<=$ 5 Lakhs)		105
	Highest pay Package:		7L
	Average pay package:		3.46L
	Median pay package:		3.6L

Quality Circles and Outcome

Quality Circle 1: Research & Consultancy

Outcome: published quality papers in SCI and Scopus journals.

Quality Circle 2: Faculty Development

Outcome: encouraged faculty to participate in various FDPs, workshops and conferences to transform knowledge to the student community.

Best Practices in the Department:

- Efficient usage of Resources for Academic excellence and Placement training
- Industrial Projects for students in Private and Public sector undertaking through industrial Internships.

SUMMARY

The ECE Department demonstrates a healthy academic environment with a robust graduation rate and commendable placement figures (84.78%). The department has successfully established a JNTUK Research Centre and secured significant industry funding (₹14.5 Lakhs) from Efftronics Systems Pvt. Ltd. However, the quality of placements in terms of salary packages and the absence of government-funded research projects are areas requiring strategic attention.

STRENGTHS OF THE DEPARTMENT:

- 84.78% of eligible students successfully placed.
- Successfully secured ₹14.5 Lakhs from Efftronics Systems.
- 4 Patents already granted, indicating high innovation potential.
- Strong Ph.D. ratio (~58%) with a dedicated JNTUK Research Centre on campus.

WEAKNESSES OF THE DEPARTMENT:

- Zero students placed with >10 LPA packages; average is only 3.46 LPA.
- No government-funded R&D projects (DST, SERB, etc.).
- The M.Tech program has only 1 student, threatening its sustainability.
- Absence of consultancy despite having competent faculty.

SUGGESTIONS FOR IMPROVEMENTS:

1. "High-Value" Placements: The department places students well (84%) but at low salaries (Avg 3.46 LPA, Max 7 LPA).
 - ✓ The placement training must pivot from "mass recruiting" skills to "niche" skills. Introduce advanced tracks in VLSI Design, Embedded AI, or Chip Design in collaboration with industry partners to target packages above ₹10 LPA.
2. Research Grants: While industry funding is good (Efftronics), government funding is NIL.

- ✓ With a JNTUK Research Centre and 4 granted patents, the department is prime for funding. Target schemes like DST-FIST or SERB-SURE specifically leveraging the existing patents as proof of concept.
- 3. Monetize Patents and Consultancy; 4 Patents granted but Consultancy income is NIL.
 - ✓ The patents should not just remain on paper. Explore technology transfer to local industries (like Efftronics). Additionally, use the labs (e.g., Signal Processing, Communication Labs) to offer testing/consultancy services to local telecom or electronics SMEs.
- 4. Address Second-Year Academic Dip: Pass percentage drops to 66.67% in II Year, I Semester.
 - ✓ This semester introduces complex core subjects. Implement "Diagnostic Tests" at the start of II-I to identify slow learners early and run targeted remedial classes before the mid-terms.

Name and Signature of the Departmental IQAC Coordinator: Mr. M. Srinivasa Rao

Name and Signature of the Head of the Department: Dr. C. Subba Rao

Electronics & Communication Engg. Dept.
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520

Name and Signature of the External Auditor:

1. Prof. A. Sarath Babu

2. Prof. A. Venu Gopal

Name and Signature of the IQAC Coordinator

Name and Signature of the Principal

(Dr. B. Raghav Kumar)
RVP, Siddhartha Institute of Technology
Mechanical Engineering Department
PRASAD V. POTLURI
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(Dr. K. Sivaji Babu)
PRINCIPAL
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INTERNAL QUALITY ASSURANCE CELL (IQAC)



**EXTERNAL ACADEMIC AND
ADMINISTRATIVE AUDIT REPORT**

Name of the Department: EEE

2024 – 25

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)
(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

Name of Head of the Department: Dr. Ch. Padmanabha Raju

S N O	Name of the Program	Sanctioned Strength	Actual Strength
UG (Engineering)			
1	Electrical and Electronics Engineering	60	65
PG (Engineering)			
UG & PG TOTAL:		60	65

(I) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	A	Feedback from Students, Alumni, Staff and Parents in place
1.2	Revision / Update of regulation or syllabi	A	Curriculum is updates as per PVP23 regulations
1.3	Number of value added courses	A	6
	Number of students completed above courses		212
1.4	Implementation of Academic Calendar Total No. of teaching days during the AY: 2023-24 II B.Tech I Sem- 76 days III B.Tech I Sem - 75 days IV B.Tech I Sem- 86 days II B.Tech II Sem- 77 days III B.Tech II Sem- 82 days IV B.Tech II Sem- 83 days	A	
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	Given to students at the beginning of the semester and available in the website
1.6	Academic, administrative set up and functioning	A	

2 *A. S. Bala* 12/12/25 *APD* 12/12/25

1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	A	Professors - 2 Associate Professors - 3 Assistant Professors - 15 STR: 14.67
1.8	Class rooms, program specific labs, computing facility and other labs availability	A	Class rooms - 6 Seminar hall -1 (sharing) Program specific labs - 10
1.9	Attainment levels of the POs of the programme (Please attach Annexure if Required)	PO attainment level	
	B.Tech in Electrical and Electronics Engineering	A	All the PO's are attained as per target values.
1.10	New and Percentage of courses introduced	A	1 19.83% (PVP23 II Year) 3.07% (Over all Change)
1.11	Lab Component	B	Introduce new experiments.
	New Labs added		
	No of new experiments introduced		
	New Equipment/Hardware /software added		
1.12	Number of and % of courses focusing on employability /entrepreneurship skill development	A	110, 94.82%
1.13	Number of students undertaken		17
	Field projects	B	5 batches
	Internships	A	326

(2) Faculty information and their contribution

SNO	ITEM	GRADE	COMMENTS
2.1	Faculty Awards and recognitions		
2.2	Faculty qualifications:	A	
	Percentage of existing faculty with PhD		11/19=58%
	Faculty awarded with PhD:		02
	Faculty submitted their PhD:		03
	Faculty pursuing PhD:		7
	Faculty registered for PhD		-
2.3	Faculty guiding /guided PhDs:	B	Dr. CHPR (02/02)
2.4	e-Content development / Lectures added to Web-resources	A	Providing lecture content through Moodle

2.5	Number of conferences/seminars/ webinars/ workshops/FDPs attended for the enrichment of teaching - learning process	A	Conferences: 19 FDP-30 Workshops- 16 Seminar - 1 NEP-2020 - 6
	Number and Percentage of faculty attended above programs		100%
2.6	Faculty interaction with outside world (BOS/NBA/Examiner for PhD evaluation / selection committee / Academic auditing / Chairperson /Chief guest /etc.)	B	10 (Research Publications) 7

(3) Teaching-Learning Process and Evaluation

SNO	ITEM	GRADE	COMMENTS
3.1	Mechanism and activities for slow learners Outcome	A	Conducted Remedial Classes
3.2	Mechanism and activities for Advanced Learners Outcome	A	NPTEL, Infosys Spring Board Certifications
3.3	Value added courses Outcome	A	Develop problem-solving skills using structured algorithms and programming in C and python
3.4	Initiatives taken for innovative mini and major projects -Training for students & faculty	A	Organising the project expo and motivating students to participate in the events. 19 prizes are won by our students in the competitions held outside the institute
3.5	Monitoring of Teaching Learning Process	A	Review of Lesson plans, Feedback obtained from students on TLP

4 A.S. Bhatia 12/12/25
SPL 12/12/25

3.6	Initiatives undertaken towards faculty development	A	Motivated to attend FDPs at IITs, NITs etc with a provision of reimbursing registration, TA and DA
3.7	Development Programmes for supporting staff	A	2

(4) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS
4.1	Research ambience, activity and innovation (quality & quantity)	B	
4.2	Innovative processes adopted in teaching & learning	A	Flipped classes and Blended learning
4.3	Faculty publications in journals:	A	
	Scopus indexed:		20
	SCI / SCIE (Not ESCI):		3
	Total		23
4.4	Publications in conferences:	A	
	National (Scopus, SCI & equivalent)		-
	International (Scopus, SCI equivalent)		18
	Total:		18
4.5	Faculty contribution in:	A	
	books:		
	book chapters:		
	(Books/Chapters with ISBN only are considered)		07
4.6	Government Funded R&D projects	B	
	Applied: 03		Total Amount: Rs. 30,90,500/-
	Ongoing: 01		Total Amount: Rs. 15,00,000/-
	Completed: -		Total Amount: -
4.7	Non- Government Funded R&D projects / Industry sponsored projects	B	
	Applied: 6		Total Amount: Rs.2,55,000/-
	Ongoing: -		Total Amount: --
	Completed: 6		Total Amount: Rs. 257971.48/-
4.8	Consultancy	B	
	No. of faculty Involved:		01
	Consultancy amount earned:		Rs.1,41,000/-
4.9	Faculty intellectual property rights / Patents:	A	
	Filed: -		
	Published:		03
	Granted: -		

4.10	In-house R&D grants & projects and their outcomes	A	6
4.11	New research facilities/ laboratory facilities added	B	
4.12	MOU* with industries/ R&D/ Premier Institutes Details of activities	A	9
4.13	Research centers of excellence established; Outcome in research centers	B	
4.14	Skill development centers established; outcome:	B	
4.15	Incubation centers: - Established with outside Industries: -Status of incubation:	C	
4.16	Start-ups & Entrepreneurships: No of Start-ups & status: Awards from outside platforms:	C	

(5) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
5.1	Transformation rate from I year to II year (passed all subjects in first attempt)	C	47.69%
5.2	Professional society/Chapter activities	B	4 Events are organized by ISTE Student Chapter in Collaboration with EEE Department.
5.3	Number of capability enhancement and development schemes	B	2 (1 WS AND 1 Coding contest)
5.4	Support for competitive examinations and career counselling	B	4 + 5 (Guest Lectures)
5.5	Number of students who opted for higher studies	B	2
5.6	Student pass percentage		
	First Year I SEM	B	54.69%
	First Year II SEM		60.66%
	Second Year I SEM	A	80%
	Second Year II SEM		87.14%
	Third Year I SEM		89.71%
	Third Year II SEM		81.82%
	Final Year I SEM		90.91%
	Final Year II SEM		98.18%
	Pass percentage of the outgoing batch		78.90%

	No of students who have graduated without backlogs in any semester of study	B	45
5.7	Placements		
	Total No of Final Year Students(N)	B	110
	No of students placed in the companies (X) (headcount only)		93
	Percentage of Placements (X/N)		93/110=85%
	No of students placed (Pay Package >= 10 Lakhs)		93
	No of students placed (Pay Package < 10 Lakhs and >=5 Lakhs)		-
	No of students placed (Package < =5 Lakhs)		-
	Highest pay Package		93
	Minimum Pay Package		4.5LPA
	Average pay package		1.68 LPA
	Median pay package		3.06 LPA
			3 LPA

Quality Circles and Outcome

(Please attach Annexure if required)

Best Practices in the Department

(Please attach Annexure if required)

SUMMARY

The Department of Electrical and Electronics Engineering (EEE) maintains a solid academic standing with a faculty-student ratio of 1:15 and a healthy placement rate of 85%. The department has made significant strides in Intellectual Property with 8 granted patents and has secured government funding worth ₹15 Lakhs. However, academic transition in the first year and the monetary value of placements (average package ₹3.0 LPA) remain areas of concern.

STRENGTHS OF THE DEPARTMENT:

- Exceptional performance with 8 Granted Patents, demonstrating strong innovation capabilities.
- Successfully secured a major government grant (₹15 Lakhs) and industry funding.
- Active consultancy cell earning ₹1.44 Lakhs, showing practical application of resources.
- High average faculty experience (15 years) and >50% Ph.D. holders.

7 A. S. Egle 12/12/25

WEAKNESSES OF THE DEPARTMENT:

- While the placement rate is high (85%), the quality is low (Max ₹4.5 LPA, Avg ₹3.0 LPA). No student crossed the ₹5 LPA mark.
- Critical drop in performance during the first year (54.69% pass rate in I-I), leading to potential backlog accumulation.
- Only 2 students opting for higher education suggests a lack of motivation for research or specialized careers among students.

SUGGESTIONS FOR IMPROVEMENTS:

1. Placement Training: The department has 85% placement, but all these are below ₹5 Lakhs.
 - ✓ The "Quality Circle on Skill Development" must urgently introduce training in high-paying niche areas like EV Battery Management Systems (BMS), Smart Grids, or Embedded IoT. Relying on traditional IT service roles is capping the salary potential.
2. Remedial Action for First-Year Transition: Nearly half the class fails in the very first semester (54.69% pass rate).
 - ✓ Implement a 3-week Induction/Bridge Course covering the basics of Mathematics and Circuit Theory before the regular curriculum begins. Identify slow learners in the first month and assign faculty mentors for mandatory remedial sessions.
3. Leverage Patents for Industry Ties: 8 Patents Granted is a significant asset that is currently underutilized.
 - ✓ The department should organize an "Innovation Showcase" inviting R&D heads from companies like Efftronics, Amar Raja, and Greenko to demonstrate these patents. This can lead to technology transfers or higher-value consultancy/hiring.
4. Enhance Research Output: While one major grant is in place, 8 faculty are still pursuing Ph.D.s.
 - ✓ Set a strict deadline for the 8 faculty members pursuing Ph.D.s to submit their theses. Provide them with a reduced teaching load for 6 months to expedite completion and increase the department's Ph.D. ratio.

Name and Signature of the Departmental IQAC Coordinator: Dr. N. Vijaya Anand

Name and Signature of the Head of the Department: Dr. Ch. Padmanabha Raju

Name and Signature of the External Auditor:

1. Prof. A. Sarath Babu

2. Prof. A. Venu Gopal

Name and Signature of the IQAC Coordinator

Name and Signature of the Principal

(Dr. B. Raghu Kumar)

IQAC Coordinator

PVP Siddhartha Institute of Technology

8

Vijayanagara

(Dr. K. Sivaji Babu)

PRINCIPAL

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KANDURU, ELURU, YADADRI-7

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INTERNAL QUALITY ASSURANCE CELL (IQAC)



**EXTERNAL ACADEMIC AND
ADMINISTRATIVE AUDIT REPORT**

Name of the Department: IT

2024 – 25

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)

(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

Name of Head of the Department: Dr. B. V. Subba Rao

SNO	Name of the Program	Sanctioned Strength	Actual Strength
UG (Engineering)			
	B.Tech- Information Technology	120	132
UG & PG TOTAL:		120	132

(I) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	A	Feedback is collected from stakeholders.
1.2	Revision / Update of regulation or syllabi	A	PVP23 Regulations 2 year B.Tech syllabus is updated.
1.3	Number of value added courses	A	2
	Number of students completed above courses		40
1.4	Implementation of Academic Calendar	A	All the academic activities are conducted according to the academic calendar
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	Yes, all are in intact and available.
1.6	Academic, administrative set up and functioning	A	It is in functional mode.
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	B	Professors :1 Associate Professors:3 Assistant Professors:18 No of Ph.D:11 No of Faculty pursuing Ph.D:10 Student Faculty Ratio (SFR):19.8 Non-Teaching Staff:5
1.8	Class rooms, program specific labs, computing facility and other labs availability	A	Class Rooms:6 Labs: 8, Seminar Hall:1 Incubation center:1, e-classroom:1, tutorial room:1

A. S. Eglu
12/12/23

12/12/23

1.9	Attainment levels of the POs of the programme (Please attach Annexure if Required)	PO attainment level	Yes it is available and all POs are attained.
	B.Tech in Information Technology	A	Yes it is available
1.10	New and Percentage of courses introduced	A	New Courses: 2 % of courses introduced: $2/18=11.11$
1.11	Lab Component	A	
	New Labs added		Altair Software (Rapid miner and Knowledge Studio).
	No of new experiments introduced		2
	New Equipment/Hardware /software added		NIL
1.12	Number of and % of courses focusing on employability /entrepreneurship skill development	A	Employ:14-77.77% Skill:4-22.22% Entrepreneuership:0
1.13	Number of students undertaken	A	
	Field projects		Field Projects: 06
	Internships		Internships without stipend: II Year:142 III Year:142 IV Year:139 With stipend: 46 Total Internships:529

(2) Faculty information and their contribution

SNO	ITEM	GRADE	COMMENTS
2.1	Faculty Awards and recognitions	A	3
2.2	Faculty qualifications:	A	
	Percentage of existing faculty with PhD		11/22=50%
	Faculty awarded with PhD:		1
	Faculty submitted their PhD:		NIL
	Faculty pursuing PhD:		7
	Faculty registered for PhD		3
2.3	Faculty guiding /guided PhDs:	B	1- Dr. B. V. Subba Rao; Scholar: Ramu Yadavalli, Centurion University of Technology and Management, Vizag.

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12/12/20

2.4	e-Content development / Lectures added to Web-resources	A	all the course materials are uploaded in MOODLE
2.5	Number of conferences/seminars/ webinars/ workshops/FDPs attended for the enrichment of teaching - learning process	A	Workshops:2 FDP-38
	Number and Percentage of faculty attended above programs		100
2.6	Faculty interaction with outside world (BOS/NBA/Examiner for PhD evaluation / selection committee / Academic auditing / Chairperson /Chief guest /etc.)	A	Guest Lectures 7 FDP's:1 Journal Editorial members: 2

(3) Teaching-Learning Process and Evaluation

SNO	ITEM	GRADE	COMMENTS
3.1	Mechanism and activities for slow learners Outcome	A	Systematic mechanism is followed. No. of Students with remedial classes: 1095 No of students benefited:1013 Outcome: 92.51% Courses covered :24
3.2	Mechanism and activities for Advanced Learners Outcome	A	Systematic mechanism is followed. Outcome: NPTEL-134 SpringBoard-170 Student Publications:17
3.3	Value added courses Outcome	A	2 courses-40 Students each Outcome: Data visualization using Tableau course students: 20 registered completed 20 Front end Technologies:24; completed 20 Few students published papers and done projects.
3.4	Initiatives taken for innovative mini and major projects -Training for students.& faculty	A	6 Industry Projects, done 1 incubation activity. "GPS Independent Smart indoor Navigation System". Offered Infosys

A. C. Gargy 12/12/25

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			Spring board courses for students & Faculty.
3.5	Monitoring of Teaching Learning Process	A	Done regular Lesson plan reviews, Lab courses, Trainings Etc., Feedback on TLP is collected and reviewed.
3.6	Initiatives undertaken towards faculty development	A	Faculty actively participated in FDP /Workshops/Certifications etc., Financial support is also provided.
3.7	Development Programs for supporting staff	A	2

(4) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS
4.1	Research ambiance, activity and innovation (quality & quantity)	B	Faculty is provided with free access to quality journals at Digital library. Good number of papers and patents are published.
4.2	Innovative processes adopted in teaching & learning	A	PPTs, Moodle and Smart board is used.
4.3	Faculty publications in journals:	A	
	Scopus indexed:		13
	SCI / SCIE (Not ESCI):		1
	Total		14
4.4	Publications in conferences:	A	
	National (Scopus, SCI & equivalent)		NIL
	International (Scopus, SCI equivalent)		5
	Total:		5
4.5	Faculty contribution in:	A	
	books:		2
	book chapters:		3-SCOPUS
	(Books/Chapters with ISBN only are considered)		
4.6	Government Funded R&D projects	D	NIL
	Applied: Total Amount:		
	Ongoing: Total Amount:		
	Completed: Total Amount:		
4.7	Non- Government: Funded R&D projects / Industry sponsored projects	B	
	Applied: 5 Total Amount: 1,60,000/-		
	Ongoing: 4 Total Amount: 1,30,000/-		
	Completed: 6 Total Amount: 1,80,000/-		

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4.8	Consultancy	D	NIL
	No. of faculty Involved:		
	Consultancy amount earned:		
4.9	Faculty intellectual property rights / Patents:	A	NIL
	Filed:		11
	Published:		0
	Granted:		
4.10	In-house R&D grants & projects and their outcomes	A	6 in house projects completed; all these 6 projects are published as patents.
4.11	New research facilities/ laboratory facilities added	B	NIL
4.12	MOU' with industries/ R&D/ Premier Institutes Details of activities	A	MOU's:11 Details of activities: 13
4.13	Research centers of excellence established: Outcome in research centers	C	NIL
4.14	Skill development centers established: outcome:	C	NIL
4.15	Incubation centers: - Established with outside Industries: -Status of incubation:	C	NIL
4.16	Start-ups & Entrepreneurships: No of Start-ups & status: Awards from outside platforms:	C	NIL

(5) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
5.1	Transformation rate from I year to II year (passed all subjects in first attempt)	A	I-I-65.91 I-II- 76.52
5.2	Professional society/Chapter activities	B	CSI:2, ISTE:3
5.3	Number of capability enhancement and development schemes	A	Schemes:12 Students:1529
5.4	Support for competitive examinations and career counselling	A	counselling activities: 7 Students: 856
5.5	Number of students who opted for higher studies	A	9 GRE: 8 IELTS:3 TOEFL: 1
5.6	Student pass percentage		
	First Year I SEM	A	65.91%
	First Year II SEM	A	76.52%
	Second Year I SEM		86.62%

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	Second Year II SEM		88.03%
	Third Year I SEM		85.27%
	Third Year II SEM		95.27%
	Final Year I SEM		95.68%
	Final Year II SEM		100%
	Pass percentage of the outgoing batch		95.68%
	No of students who have graduated without backlogs in any semester of study		95
5.7	Placements		
	Total No of Final Year Students(N)		139
	No of students placed in the companies (X) (headcount only)		120
	Percentage of Placements (X/N)		120/139=86.33%
	No of students placed		
	(Pay Package \geq 10 Lakhs)		1
	No of students placed		
	(Pay Package < 10 Lakhs and \geq 5 Lakhs)	B	26
	No of students placed		
	(Package \leq 5 Lakhs)		93
	Highest pay Package		18LPA
	Minimum Pay Package		2.4LPA
	Average pay package		4.78LPA
	Median pay package		4.6LPA

Quality Circles and Outcome

(Please attach Annexure if required)

- QC1: Knockout backlogs-Special attention on academically weak students.
 - Good number of students completed their backlogs and Pass percentage/Success rate is improved.
- QC2: "Quality Placements - QC"
 - 120 numbers of students got placed in well known best MNCs and highest pay package of the department is improved.

Best Practices in the Department

(Please attach Annexure if required)

- To achieve expected competencies in academic skills.
- To achieve good quality placements and Internships.

SUMMARY

The Department of Information Technology has conducted a self-assessment following the first-quarter audit of the 2025-26 academic year. The department is proactive in identifying critical gaps: specifically, in high-value placements, student research, and value-added

A.S. Bafar
12/12/25

courses. While the faculty has demonstrated research output (4 quality journals), student participation in value-added courses) is resulting in student publications.

STRENGTHS OF THE DEPARTMENT:

- The department has a clear, written action plan addressing specific deficits identified in the Q1 audit.
- Identification of "meritorious students" for specialized product-based company training is a strong strategic move.
- Existing publication of 4 quality journal articles demonstrates faculty competency.
- The plan to introduce Tableau and Java Front-end courses aligns well with current market demand.
- Utilizing alumni for talks and funding can significantly enhance industry connections.

WEAKNESSES OF THE DEPARTMENT:

- No tangible consultancy outcomes; activities are limited to "interactions".
- The department is missing out on high-package offers.

SUGGESTIONS FOR IMPROVEMENTS:

1. Formalize Consultancy: Consultancy is stuck at the "interaction" stage.
 - ✓ The department should aim to sign at least one MoU with a local SME specifically for "Technical Services" or "Training" to generate revenue before the next audit.
2. Revitalize Alumni Engagement: Alumni activities need improvement.
 - ✓ Establish a "Mentorship Circle" where alumni in high-package roles mentor the "meritorious students" identified for product-based training.

Name and Signature of the Departmental IQAC Coordinator: Dr. A. Haritha 

Name and Signature of the Head of the Department: Dr. B. V. Subba Rao 
HEAD 12/12/2025

Name and Signature of the External Auditor:

1. Prof. A. Sarath Babu 
12/12/25

2. Prof. A. Venu Gopal 
12/12/25

Name and Signature of the IQAC Coordinator Name and Signature of the Principal


(Dr. B. Raghu Kumar)

Mechanical Engineering Department
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(Dr. K. Sivaji Babu)

PRINCIPAL
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(Permanently Affiliated to JNTUK, KAKINADA, Accredited by NBA, Accredited with
A+ grade by NAAC, ISO 21001:2018 Certified Institute)

INTERNAL QUALITY ASSURANCE CELL (IQAC)



**EXTERNAL ACADEMIC AND
ADMINISTRATIVE AUDIT REPORT**

Name of the Department: Mechanical Engineering

2024 – 25

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)

(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

Name of Head of the Department: Dr. B. Raghu Kumar

S N O	Name of the Program	Sanctioned Strength	Actual Strength
UG (Engineering)			
1	MECHANICAL ENGINEERING - B.TECH	60	62
PG (Engineering)			
1	MACHINE DESIGN - M.TECH	06	02
UG & PG TOTAL:		66	64

(I) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	A	Student Feedback-Available Faculty Feedback -Available Parents-Available Employer Feedback Forms-Available Alumni feedback Forms- Available
1.2	Revision / Update of regulation or syllabi	A	III Year syllabus as per PVP23 Regulation
1.3	Number of value added courses	B	04
	Number of students completed above courses	A	* Non Destructive Testing Methods Students:34 * CATIA Students:123 *E-SDP Students:60 *Q-Cad Students:50
1.4	Implementation of Academic Calendar	A	Yes
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	Available
1.6	Academic, administrative set up and functioning	A	Available
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	A	Faculty strength :26+1 (Principal Sir) Professor: 3+1 Associate Professor: 3

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			Assistant Professor: 20 Teacher student ratio:12:54. (1 principal sir & 4 faculty excluded for 1Yr) Non-teaching staff strength:11
1.8	Class rooms, program specific labs, computing facility and other labs availability	A	Class rooms :5 Tutorial Rooms :1 Labs :16 Research Labs: 3
1.9	Attainment levels of the POs of the programme (Please attach Annexure if Required)	PO attainment level	
	B.Tech in Mechanical Engineering	A	All POs are attained
1.10	New and Percentage of courses introduced		B. Tech: 01 M.Tech: 0 Percentage: 100%
1.11	Lab Component		
	New Labs added	A	01[Embedded systems & IOT Lab]
	No of new experiments introduced	A	A new lab on embedded systems and IoT is established.
	New Equipment/Hardware /software added	A	ANNEXURE-1
1.12	Number of and % of courses focusing on employability /entrepreneurship skill development	A	B.Tech-76 M.Tech-0 Percentage- ANNEXURE-2
1.13	Number of students undertaken		
	Field projects	C	Nil
	Internships	A	Internships: 222 II YEAR: 64 III YEAR: 59 IV YEAR: 99

(2) Faculty information and their contribution

SNO	ITEM	GRADE	COMMENTS
2.1	Faculty Awards and recognitions	B	03
2.2	Faculty qualifications:		
	Percentage of existing faculty with PhD	A	12/27=44.44%
	Faculty awarded with PhD:		01
	Faculty submitted their PhD:		NIL
	Faculty pursuing PhD:	A	14
	Faculty registered for PhD		01
2.3	Faculty guiding /guided PhDs:	A	12/01

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2.4	e-Content development / Lectures added to Web-resources	A	E-content was developed for all the courses
2.5	Number of conferences/seminars/webinars/ workshops/FDPs attended for the enrichment of teaching - learning process	A	FDPs:23 Workshops:05 Training Programs-05
	Number and Percentage of faculty attended above programs	A	Number of faculty attended:26 Percentage of faculty attended:100%
2.6	Faculty interaction with outside world (BOS/NBA/Examiner for PhD evaluation / selection committee / Academic auditing / Chairperson /Chief guest /etc.)	A	ANNEXURE-3

(3) Teaching-Learning Process and Evaluation

SNO	ITEM	GRADE	COMMENTS
3.1	Mechanism and activities for slow learners Outcome	A	Remedial classes, Backlog classes were conducted.
3.2	Mechanism and activities for Advanced Learners Outcome	A	*Placement Training *Campus Specific Training *Gate Classes
3.3	Value added courses Outcome	B	04
3.4	Initiatives taken for innovative mini and major projects -Training for students & faculty	A	*Working Models from Projects:19 *Conference Papers from Projects: 04
3.5	Monitoring of Teaching Learning Process	A	*Lesson Plans were continuously monitored
3.6	Initiatives undertaken towards faculty development	A	Organized: * FDP- 04 * International Conference- 01 * Webinars- 02 * Seminar -03 *Guest Lectures -07 *Workshops-04 * Training programs -02 Attended: Faculty have attended , 23- FDPs 05-Training programs 05-Workshops
3.7	Development Programmes for supporting staff	B	NIL

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(4) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS
4.1	Research ambience, activity and innovation (quality & quantity)	A	<p>*Research collaboration is continuing with existing research Groups.</p> <p>*3 Lakhs seed money from SAGTE was sanctioned.</p> <p>* Out of 11 Patents,</p> <p>-09 were filed</p> <p>-01 was published, and</p> <p>-04 was granted</p> <p>Journals: Scopus indexed:17 SCI :10 Total-27</p> <p>International Conferences: Scopus-03 Total-03 Book chapters: 02</p>
4.2	Innovative processes adopted in teaching & learning	A	Lab charts, Working Models, case studies, Exhibition of project models in the class etc.
4.3	Faculty publications in journals:	A	
	Scopus indexed:		17
	SCI / SCIE (Not ESCI):		10
	Total		27 (56 publications including others)
4.4	Publications in conferences:	A	
	National (Scopus, SCI & equivalent)		16
	International (Scopus, SCI equivalent)		Scopus:03
	Total:		19
4.5	Faculty contribution in:	B	
	books:		NIL
	book chapters: (Books/Chapters with ISBN only are considered)		Book chapters: 02
4.6	Government Funded R&D projects:	B	
	Applied:		Applied:5
	Ongoing:		Ongoing: 4
	Total Amount:		Total Amount: 1,02,67,000/-
	Total Amount:	A	Total Amount: Rs. 43,12,670/-

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	Completed:	Total Amount:	C	Completed: Nil Total Amount: Nil
4.7	Non- Government: Funded R&D projects / Industry sponsored projects			
	Applied:	Total Amount:	C	Applied:01 Total Amount: 50,000/-
	Ongoing:	Total Amount:	B	Ongoing:01 Total Amount: 1,00,000/-
	Completed:	Total Amount:	C	Completed: Nil Total Amount: Nil
4.8	Consultancy			
	No. of faculty Involved:		C	03
	Consultancy amount earned:		B	Rs.2,02,264/-
4.9	Faculty intellectual property rights / Patents:			
	Filed:		A	09
	Published:		B	01
	Granted:		A	04
4.10	In-house R&D grants & projects and their outcomes		A	ANNEXURE-4
4.11	New research facilities/ laboratory facilities added		A	*3D Printers: FDM and accessories *Ultrasonic Flaw detector and accessories *ANSYS AMC (License Renewal) *Creo Elements /Pro-E University: Pius Lab Bundle (License Renewal)
4.12	MOU"s with industries/ R&D/ Premier Institutes Details of activities		A	Available
4.13	Research centers of excellence established: Outcome in research centers		A	JNTU Kakinada has recognized the Department of Mechanical Engineering as a Research Centre. Research scholars have been allotted to the department, and currently six Ph.D. scholars are pursuing their doctoral research under the guidance of the department faculty members.
4.14	Skill development centers established: outcome:		A	Dassaults systemes lab has been established by APSSDC where the students are getting trained,
4.15	Incubation centers: - Established with outside Industries: -Status of incubation:		D	-
4.16	Start-ups & Entrepreneurships: No of Start-ups & status:		B	01

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	Awards from outside platforms:		
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(5) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
5.1	Transformation rate from I year to II year (passed all subjects in first attempt)	B	26/62
5.2	Professional society/Chapter activities	A	*ISTE * ISHRAE * ASHRAE
5.3	Number of capability enhancement and development schemes	A	*Remedial coaching *Bridge courses *Backlogs *Personal counseling & Mentoring. *Skill Development programs. *Certification programs.
5.4	Support for competitive examinations and career counselling	A	*Gate Classes *student training program. *Campus Specific Training
5.5	Number of students who opted for higher studies	B	*AP PGECET: 2, *UK Admission Letter:1
5.6	Student pass percentage		
	First Year I SEM	C	21.31%
	First Year II SEM	C	38.60%
	Second Year I SEM	B	53.73%
	Second Year II SEM	B	50.00%
	Third Year I SEM	A	77.78%
	Third Year II SEM	B	62.71%
	Final Year I SEM	A	86.87%
	Final Year II SEM	A	98.99%
	Pass percentage of the outgoing batch	B	67.54
	No of students who have graduated without backlogs in any semester of study	B	34
5.7	Placements		
	Total No of Final Year Students(N)		99
	No of students placed in the companies (X) (headcount only)	A	99
	Percentage of Placements (X/N)	A	100
	No of students placed (Pay Package >= 10 Lakhs)	D	0
	No of students placed (Pay Package < 10 Lakhs and >=5 Lakhs)	B	5

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No of students placed		
(Package < =5 Lakhs)		94
Highest pay Package	C	5.5 L
Minimum Pay Package		1.68 L
Average pay package		2.56 L
Median pay package		2.16 L

Quality Circles and Outcome

(Please attach Annexure if required)

- Quality Circle 1: Student Performance in Examination
- Quality Circle 2: Student Placements, Higher Studies & Competitive Exams
- Quality Circle 3: Research
- Quality Circle 4: Student Participation

Best Practices in the Department

(Please attach Annexure if required)

- Best Practice 1: Dassault Systemes Training Program.
- Best Practice 2: Campus specific training for placements
- Best Practice 3: Encouraging Faculty for AICTE QIP-PG Certification Program

SUMMARY

The Mechanical Engineering Department demonstrates strong academic performance, research culture, and student outcomes, supported by robust infrastructure and an active faculty team. The enrolment in PG program remains notably low. The addition of a new Embedded Systems & IoT Lab, complemented by significant equipment investments including 3D printers, NDT equipment, and renewed CAE software licenses. Faculty have actively engaged in research, resulting in 56 publications, 9 patents filed, and 4 patents granted. The department has made significant strides in Intellectual Property Rights (IPR) with multiple patents granted and filed. There is a distinct need to revitalize the M.Tech. program, which suffers from low enrolment. Although the placement quantity (100%) is excellent, the average salary package (2.56 LPA) indicates scope for quality enhancement. Student progression toward higher studies; both domestic and international is also concerning.

STRENGTHS OF THE DEPARTMENT:

- Achieving 100% placement for the final year batch is a commendable milestone.
- A healthy ratio of SCI/Scopus publications and a strong portfolio of filed/granted patents.
- The entire faculty body is actively engaged in FDPs and continuous learning.
- The addition of the IoT & Embedded Systems lab opens avenues for interdisciplinary projects combining Mechanical and Electronics.
- The Department has ongoing projects worth Rs. 43.00 lakhs.

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WEAKNESSES OF THE DEPARTMENT:

- While placement quantity is 100%, the average package (2.56 LPA) and median package (2.16 LPA) are relatively low.
- The M.Tech program has very low enrolment.
- A large portion of the faculty (14 members) are currently pursuing Ph.D.s.

SUGGESTIONS FOR IMPROVEMENTS:

1. While the number of placements is excellent, focus should shift toward attracting core companies to improve the average salary package.
2. The administration should support the 14 faculty members currently pursuing Ph.D.s to expedite their completion, aiming to raise the Ph.D. ratio above the current 44.4%.
3. Market the capabilities of the new Dassault Systems Lab (APSSDC), NDT and 3D Printing facilities to local industries to boost consultancy revenue.

Name and Signature of the Departmental IQAC Coordinator: Ms. E. Kavitha 

Name and Signature of the Head of the Department: Prof. B. Raghav Kumar 

Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KAPPIPURU, VIJAYAWADA-520 007.

Name and Signature of the External Auditors:

1. Prof. A. Sarath Babu


12/12/25

2. Prof. A. Venu Gopal


12/12/25

Name and Signature of the IQAC Coordinator


(Prof. B. Raghav Kumar)
IQAC Coordinator
PVP Siddhartha Institute of Technology
Vijayawada

Name and Signature of the Principal


(Prof. K. Sivaji Babu)
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A+ grade by NAAC, ISO 21001:2018 Certified Institute)

INTERNAL QUALITY ASSURANCE CELL (IQAC)



**EXTERNAL ACADEMIC AND
ADMINISTRATIVE AUDIT REPORT**

**Name of the Department:
Business Administration**

2024 – 2025

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)

(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

Name of Head of the Department:

SNO	Name of the Program	Sanctioned Strength	Actual Strength
PG			
	Business Administration	66+66=132	64+64=128
PG TOTAL:		66+66=132	64+64=128

(I) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	A	Student Feedback-Available Faculty Feedback -Available Parents-Available Employer Feedback Forms-Available Alumni feedback Forms-Available
1.2	Revision / Update of regulation or syllabi	B	Revision / Update of regulation or syllabi (Revised in 2024-2025 academic year)
1.3	Number of value added courses	A	Certification Programmes: 04 1. Accounting Tally and Advanced Excel 2. Business Analytics 3. Python 4. Digital Marketing NPTEL: Students: 19 NISM: 70
	Number of students completed above courses	A	64+64
1.4	Implementation of Academic Calendar	A	As per Academic Calendar
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	Total No. of teaching days during the AY: II Year-I Semester: 05.08.2024 to 24.12.2025 II Year-II Semester: 30.12.2025 to 17.05.2025 I Year - I Semester : 21.08.2024 to 10.01.2025 I Year - II Semester: 20.01.2025 to 12.07.2025
1.6	Academic, administrative set up and	A	Annexure -I

	functioning		
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	A	Faculty strength : 08 Professor: 1 Associate Professor: 01 Assistant Professor: 07 Teacher student ratio : 15.55 Non-teaching staff strength:16.5
1.8	Class rooms, program specific labs , computing facility and other labs availability	C	Class rooms:3 Labs:1 (Sharing with Mechanical Department)
1.9	Attainment levels of the POs of the programme (Please attach Annexure if Required) MBA	PO attainment level B	All PO's are attained for AY 2024-2025
1.10	New and Percentage of courses introduced	B	MBA- 5 Percentage of syllabus upgraded- 26.76%
1.11	Lab Component	B	2 subjects as a part of course
	New Labs added	B	Python certification Course
	No of new experiments introduced	B	2 (Vlookup, Hlookup,)
	New Equipment/Hardware /software added	B	R. Programme
1.12	Number of and % of courses focusing on employability /entrepreneurship skill development	A	MBA - 24 Percentage-75%
1.13	Number of students undertaken		
	Field projects	A	21
	Internships		Regulation changed in AY 2024

(2) Faculty information and their contribution

SNO	ITEM	GRADE	COMMENTS
2.1	Faculty Awards and recognitions	B	1. Dr. M. Dhadurya Naik received Best NCC officer 2. P. Adi Lakshmi and Dr. D. srinivasa rao received best paper presentation award in International Conference on Business Innovation, Transformation and Sustainability, organised by SGT University, Gurgoam.
2.2	Faculty qualifications:		
	Percentage of existing faculty with PhD	B	5/8 = 62.5%
	Faculty awarded with PhD:	B	1(Faculty)
	Faculty submitted their PhD:	B	1(Faculty)

	Faculty pursuing PhD:		Nil
	Faculty registered for PhD		Nil
2.3	Faculty guiding /guided PhDs:	C	1(Faculty)
2.4	e-Content development / Lectures added to Web-resources	B	Yes
2.5	Number of conferences/seminars/ webinars/ workshops/FDPs attended for the enrichment of teaching - learning process	A	Conferences/ Seminars: 6 FDPs/ Workshops:17
	Number and Percentage of faculty attended above programs	A	100%
2.6	Faculty interaction with outside world (BOS/NBA/Examiner for PhD evaluation / selection committee / Academic auditing / Chairperson /Chief guest /etc.)	B	<ul style="list-style-type: none"> BOS-03 Guest in National Seminar - 01 (PBS)

(3) Teaching-Learning Process and Evaluation

SNO	ITEM	GRADE	COMMENTS
3.1	Mechanism and activities for slow learners Outcome	B	Remedial classes, Backlog classes were conducted.
3.2	Mechanism and activities for Advanced Learners Outcome	B	Placement Training
3.3	Value added courses Outcome	B	Yes
3.4	Initiatives taken for innovative mini and major projects -Training for students & faculty	A	1. R. Programming Lab 2. Arranged Guest lecture on Project data analysis.
3.5	Monitoring of Teaching Learning Process	A	*Lesson Plans were continuously monitored *Feedback taken on Teaching Learning Process from the students is continuously monitored
3.6	Initiatives undertaken towards faculty development	B	Organized: * Gender budgeting Training programmer - 1 * FDP- 1(Online FDP on IPR) * Awareness programmer – Workshops – 06 Training Programme – 2 (Kona Kona Siksha, Reasoning and Airthematic and Reasoning) *Collaborate Activities: 02 (CPBFI & GRB) *Guest Lectures/ webinars –09
3.7	Development Programmes for supporting staff	D	Nil

(4) RESEARCH AND INNOVATION

SNO	ITEM		GRADE	COMMENTS
4.1	Research ambience , activity and innovation (quality & quantity)		B	Total: 20 papers Scopus indexed: 3 papers, ABDC: 8 National / International Conferences: 10
4.2	Innovative processes adopted in teaching & learning		A	Live trading sessions, NPTEL, Video lectures, Google Classroom, Cut Models, Working Models etc.
4.3	Faculty publications in journals::			
	Scopus indexed:			-
	ABDC		B	8
	Total			08
4.4	Publications in conferences:			
	National (Scopus, SCI & other)		B	10
	International (Scopus, SCI equivalent)		B	2
	Total:		B	12
4.5	Faculty contribution in:			
	books:			Nil
	book chapters:			01 (Scopus)
	(Books/Chapters with ISBN only are considered)		B	
4.6	Government Funded R&D projects		A	*Received Rs. 5,61,900 from Ministry of women and Child Development, New Delhi for three day programme on gender budgeting *Amount Received from ICSSR - Rs. 4,10,000 for conducting Minor Project
	Applied: 03	Total Amount: 50,00,000	A	3 projects applied
	Ongoing:0	Total Amount:0		
	Completed:01	Total Amount: Rs. 410000	B	
4.7	Non- Government: Funded R&D projects / Industry sponsored projects			Nil
	Applied: 0	Total Amount: 0	D	Nil
	Ongoing:0	Total Amount:0	D	Nil
	Completed:0	Total Amount:0	D	Nil
4.8	Consultancy		D	Nil
	No. of faculty Involved:		D	Nil
	Consultancy amount earned:		D	Nil
4.9	Faculty intellectual property rights / Patents:		D	Nil

	Filed: 0	D	Nil
	Published: 0	D	Nil
	Granted: 0	D	Nil
4.10	In-house R&D grants & projects and their outcomes	B	1. Conducted Gender Budgeting programme. 2. One project completed
4.11	New research facilities/ laboratory facilities added	D	Nil
4.12	MOU's with industries/ R&D/ Premier Institutes Details of activities	B	MOUs (Annexure)
4.13	Research centers of excellence established: Outcome in research centers	B	1. One Faculty is recognized as research guides 2. 1 research Scholars have submitted thesis. 3. Adjudicated two Ph.d thesis of VELS University, Chennai.
4.14	Skill development centers established: outcome:	B	Conducted Skill Development Programmes In Association with APSSDC and ILO. 1. Start your business (SYB) 2. Generate your Business(GYB)
4.15	Incubation centers: - Established with outside Industries: -Status of incubation:	D	-
4.16	Start-ups & Entrepreneurships: No of Start-ups & status: Awards from outside platforms:	C	-

(5) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
5.1	Transformation rate from I year to II year (passed all subjects in first attempt)	A	61/65 = 93.843
5.2	Professional society/Chapter activities	A	ISTE, ALEAP, NHRD, CMA, ICA, CSI
5.3	Number of capability enhancement and development schemes	A	*Remedial coaching *Bridge courses *Backlogs *Personal counselling & Mentoring. *Skill Development programs. *Certification programs.
5.4	Support for competitive examinations and career counselling	A	*Placement Training *student training programme
5.5	Number of students who opted for higher studies	D	Nil

5.6	Student pass percentage		
	First Year I SEM	A	93.75%
	First Year II SEM	A	96.88%
	Second Year I SEM:	A	98.44%
	Second Year II SEM	A	100%
	Pass percentage of the outgoing batch	A	92.06 %
	No of students who have graduated without backlogs in any semester of study	A	58
5.7	Placements		
	Total No of Final Year Students(N)	A	63
	No of students placed in the companies (X) (headcount only)	A	58
	Percentage of Placements (X/N)	A	92.06%
	No of students placed		Nil
	(Pay Package \geq 10 Lakhs)		
	No of students placed	B	12 students
	(Pay Package $<$ 10 Lakhs and \geq 5 Lakhs)		
	No of students placed	A	46 Students
	(Package \leq 5 Lakhs)		
	Highest pay Package	A	Rs.7,40,000
	Minimum Pay Package	B	Rs.2,40,000
	Average pay package	B	Rs.3,50,000
	Median pay package	B	Rs.3,50,000

Quality Circles and Outcome

(Please attach Annexure if required)

Name of the Quality Circle – **Research**

1. Three Scopus index paper are published in the department (1 paper in Book chapter, and 2 papers in Conferences).
2. 8 papers are published in ABDC indexed Journals
3. Rs. 50,00,000 worth projects are applied for the Funding
4. Received Rs. 5,61,900 from Ministry of women and Child Development, New Delhi for three day programme on gender budgeting.
5. Dr. M. Dhadurya Naik of the Department Submitted one Minor Project for ICSSR, New Delhi


Best Practices in the Department

- Best Practice 1: Certificate Courses (CC)
- Best Practice 2: Professional Skills Development Subject, Small and Medium Enterprise (SME) Project
- Best Practice 3: Establishment of consumers club
- Best Practices 4: Budding managers


SUGGESTIONS FOR IMPROVEMENTS:

1. Improve research publications in indexing journals
2. Separate computer lab facility has to be provided, as most of the courses are data –driven.
3. Innovate teaching learning has to be enhanced through activity based learning.
4. More number of industry linked training programmes need to be conducted.

Name and Signature of the Department IQAC Coordinator



Dr. D. Srinivasa Rao
Associate Professor
Department of MBA
PVPSIT

Name and Signature of the Head of the Department


Dr. P. Adi Lakshmi
Professor & Head
Department of MBA
PVPSIT

Name and Signature of the External Auditor:


Dr. R. Sivaram Prasad
Rector, & Professor
Department of Commerce &
Business Administration
Acharya Nagarjuna University
Guntur


Dr. Rajesh C. Jampala
Dein, Academic & Administration
PB Siddhartha College of Arts &
Science,
Vijayawada - 07

Name and Signature of the IQAC Coordinator


Dr. B. Raghav Kumar

Professor & Head,
Department of Mechanical
Engineering
PVPSIT

Name and Signature of the Principal


Dr. K. Sivaji Babu
Principal
PVPSIT, Kanuru

PRINCIPAL
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VJYAWADA-520 007

Department of Business Administration
PVP Siddhartha Institute of Technology, Kanuru, Vijaywada
Annexure

List of faculty

Sl. No.	Faculty	Designation	Qualification	Joining Date
1.	Dr. P. Adi Lakshmi	Professor	MBA., M.Phil., Ph.D.,	07-11-2008
2.	Dr. D. Srinivasa Rao	Assistant Professor	MCom., MBA., M.Phil., Ph.D	22.06.2009
3.	Mr. V. Praveen Kumar	Assistant Professor	MBA.,(Ph.D)	01.08.2009
4.	Dr. Lt. M. Dhadurya Naik	Assistant Professor	MBA., Ph.D	01.08.2011
5.	Dr. N. Siva Surendra	Assistant Professor	MCom., MBA., M.Phil., Ph.D	13-07-2022
6.	Dr. N.Suresh Babu	Assistant Professor	MCom., MBA., M.Phil., Ph.D	04-11-2022
7.	Mr.Sk. Subhan Saheb	Assistant Professor	MBA.,	24-07-2023
8.	Mrs. J. Ambica	Assistant Professor	MBA.,	10-06-2024

Department of Business Administration
PVP Siddhartha Institute of Technology, Kanuru, Vijaywada
Annexure

List of Professional Society Memberships

Sl. No.	Name of the Faculty	Number of Professional Society	Name of the professional Society
1	Dr. P. Adi Lakshmi	4	1. National HRD 2. CSI 3. ALEAP 4. ISTE
2	Dr. D. Srinivasa Rao	2	1. ISTE 2. ICA
3	Mr. V. Praveen Kumar	1	CMA
4	Dr. M. Dhadurya Naik	1	CMA
5	Dr. N. Siva Surendra	1	CMA
6	Dr. N. Suresh Babu	1	CMA

**Prasad V. Potluri Siddhartha Institute of Technology
(Autonomous)**

Kanuru, Vijayawada – 520 007

(Permanently Affiliated to JNTUK, KAKINADA, Accredited by NBA, Accredited with
A+ grade by NAAC, ISO 21001:2018 Certified Institute)

INTERNAL QUALITY ASSURANCE CELL (IQAC)



**EXTERNAL ACADEMIC AND
ADMINISTRATIVE AUDIT REPORT**

INSTITUTE

2024 – 25

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)

(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

Name of the Principal: Dr. K. Sivaji Babu

SNO	Name of the Program	Sanctioned Strength	Actual Strength
UG (Engineering)			
1	B.Tech in Civil Engineering	60	50
2	B.Tech in Computer Science & Engineering	240	263
3	B.Tech in Computer Science & Engineering (Artificial Intelligence and Machine Learning)	60	65
4	B.Tech in Computer Science & Engineering (Data Science)	60	66
5	B.Tech in Electronics and Communication Engineering	120	130
6	B.Tech in Electrical and Electronics Engineering	60	65
	B.Tech in Information Technology	120	132
	B.Tech in Mechanical Engineering	60	62
UG TOTAL:		780	833
PG (Engineering)			
3	M.Tech (Machine Design)	6	2
4	M.Tech (Microwave and Communication Engineering)	6	1
5	MBA	60	66
PG TOTAL		72	69
UG & PG TOTAL:		852	902

(I) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Total number and Percentage of programs where syllabus revision is carried out	A	Revised 9 out of 11 programs (81.8%).
1.2	Adherence to Academic Calendar	A	Strict adherence; calendars available on the website.
1.3	Average percentage of seats filled against reservation	B	Good adherence

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	<ul style="list-style-type: none"> Recognized as Faculty Innovation Fellow for Stanford University, Mr. A Prashanth, Asst. Prof., CSE NPTEL: <ol style="list-style-type: none"> "A" Grade for Instrumental role as Single Point of Contact (SPOC) for the Swayam-NPTEL Local Chapter. One Faculty got NPTEL-Domain Certificate for the period of JAN-APR 2025 One Faculty got NPTEL-Motivated Learner Certificate for the period of JAN-APR 2025 Four Faculty got NPTEL Discipline Star Award Faculty participated in NPTEL exams and secured Elite certificate 		
2.2	Percentage of Faculty positions against sanctioned posts 203, SFR is 16.72	C	Only 93 faculty members hold Ph.Ds. This is low for an A+ institution.
2.3	Faculty qualifications: Number and Percentage of existing faculty with Ph.D.: 93, 45.81%	B	As per AICTE & UGC Norms
2.4	Average Teaching experience of faculty: 27.06 Average Total Teaching experience: 15.98 Average Teaching experience in PVPSIT: 11.08	A	Average teaching experience is high.
2.5	Number and percentage of recognized research guides	B	16, 8%
2.6	Number of students registered per guide	B	2

(3) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS
3.1	Research ambience, facilities, activity and innovation (quality & quantity)	A	A good number of equipment for research is procured and few are mentioned here: Ultrasonic Flaw detector, Soil Block press with size mould, Digital storage oscilloscopes

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			etc.
3.2	Total seed money provided by the Institution		Rs. 14,92,000/-
3.3	Faculty publications in journals:	A	Strong output: 162 total journal publications (129 Scopus, 33 SCI/SCIE).
	Scopus indexed: 129		
	SCI / SCIE (Not ESCI): 33		
	Total: 162		
3.4	h-index: 46	A	
	Highest in the faculty: 9		
	Publications in conferences:		
	National (Scopus, SCI & equivalent): 0		
3.5	International (Scopus, SCI equivalent): 74	A	
	Total: 74		
	Faculty contribution in:		
	books: 7		
3.6	book chapters: 23	A	Applied for ₹2.38 Crores; Ongoing projects worth ₹59.38 Lakhs.
	(Books/Chapters with ISBN only are considered)		
	Government Funded R&D projects		
	Applied: 9		
3.7	Ongoing: 5	C	Applied: Nil. Ongoing: 4 projects (₹17.15 Lakhs).
	Completed: -		
	Total Amount: 2,38,05,483/-		
	Total Amount: 59,38,000/-		
3.8	Non- Government: Funded R&D projects / Industry sponsored projects:	B	Earned ₹18.1 Lakhs involving 12 faculty.
	Applied: Nil		
	Ongoing: 4		
	Completed: -		
3.9	Total Amount: Nil	A	4 Granted, 23 Published, 8 Filed.
	Total Amount: 17,15,925/-		
	Total Amount: -		
3.10	Consultancy	B	
	No. of faculty Involved: 12		
	Consultancy amount earned: 18.1 Lakhs		
3.11	Faculty intellectual property rights / Patents:	A	
	Filed: 8		
	Published: 23		
	Granted: 4		
3.12	Percentage of teachers having research projects	B	
3.13	New research facilities/ laboratory facilities added	A	Equipment worth 17.94 Lakhs is procured
3.14	MOU's with industries/ R&D/ Premier Institutes Details of activities:	A	80 MOUs, Skill development/ Training Programs, Internships, Guest Lectures, Higher Studies,

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			Student Project works.
3.13	Research centers of excellence established: Outcome in research centers: Guiding research scholars, PG & UG students for carrying out their projects.	A	Mechanical & ECE departments are recognized as Research Centres by JNTUK. There are 5 Centre of Excellence in CE, ME, ECE and CSE Departments
3.14	Skill development centers established: 03	A	Skill Development Training and Certification 3 Centers: 1. APSSDC - Chief Minister's Skill Excellence Centre 2. DASSAULT Systems 3D Experience Centre 3. Applied Robot Control Lab • Training & certification on "PCB Design" conducted by APSSDC
3.15	Incubation centers	B	• College is recognized as MSME host institute 3 Incubation ideas are running in the college, worth of 34 Lakhs.
3.16	Start-ups & Entrepreneurships: Nil No of Start-ups & status: Nil Awards from outside platforms: Nil	D	Start-ups: Nil. Awards: Nil.

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(4) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
4.1	Transformation rate from I year to II year (passed all subjects in first attempt)	A	598 out of 818 students
4.2	Professional society/Chapter activities	B	Professional membership: 159 faculty members possess 54 Professional memberships
4.3	Number of capability enhancement and development schemes:	A	GATE coaching, Campus training programs, company specific training programs, certification courses
4.4	Support for competitive examinations and career counselling:	A	Yes
4.5	Number of students who opted for higher studies: 62	B	Moderate relative to the batch size.
4.6	Student pass percentages	A	Excellent outgoing batch pass rates: B.Tech (88.55%), MBA (96.83%).
	First Year I SEM: 76.81		
	First Year II SEM: 81.78		
	Second Year I SEM: 80.53		
	Second Year II SEM: 85.44		
	Third Year I SEM: 83.41		
	Third Year II SEM: 84.34		
	Final Year I SEM: 93.08		
	Final Year II SEM: 99.6		
	Pass percentage of the outgoing batch: B.Tech.: 88.55 M.Tech.: 25 MBA: 96.83	B	
	No of students who have graduated without backlogs in any semester of study B.Tech.: 438 M.Tech.: 01 MBA: 57	A	
4.7	Placements		
	Total No of Final Year Students(N): 814		
	No of students placed in the companies (X) (headcount only): 698	B	Though the quantity is

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	Percentage of Placements (X/N) 85.75		good,
	No of students placed: 5		Quality needs
	(Pay Package \geq 10 Lakhs)		improvement.
	No of students placed: 125		
	(Pay Package < 10 Lakhs and \geq 5 Lakhs)		
	No of students placed: 568		
	(Package < 5 Lakhs)		
	Highest pay Package: 18 LPA		
	Minimum Pay Package: 1.68 LPA		
	Average pay package: 4.18 LPA		
	Median pay package: 4.00 LPA		
4.8	Availability and activities of Grievance Redressal mechanism:	A	Yes
4.9	Scholarships and Financial support (% of students)		
	Government:		
	Private:	A	Strong scholarship support (2075 Govt, 348 Private).

(5) INFRASTRUCTURE AND INTERNET CONNECTIVITY

SNO	ITEM	GRADE	COMMENTS
5.1	Availability of band-width of connectivity	A	1040 Mbps
5.2	Usage of digital library and computing facilities	A	520/Day including Online and offline
5.3	Availability of information on college web-site.	A	Yes
5.4	Available facilities like class rooms/seminar halls/LCD /Wifi/ICT/video center/courts/ equipment etc.	A	Yes
5.5	Availability of facilities for cultural, yoga, sports etc.	A	Yes
5.6	Student Computer ratio	A	1:2.5
5.7	Availability of Hostels	A	Yes
5.8	Availability of Alternative sources of energy	A	Solar power plant: 350Kw

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(6) CENTRAL LIBRARY FACILITY

SNO	ITEM	GRADE	COMMENTS
6.1	<p>Services: (Please rate the following services in the library)</p> <ul style="list-style-type: none"> • Circulation services: Available, 70/ Day • Clipping Services: Available • Bibliographic compilation: NA • Information display services: Available • Reference/referral services: Available • Photocopy and printing services: Available • User Orientation / Information Literacy: Available • Resource sharing : Available • Internet/digital resources: Available • Suggestion Box: Available 	A	
6.2	<p>Usage:</p> <p>Average number of visitors to the library per day: 500, books issued / returned per day: 70, visitors to the digital library per day: 50</p>	A	High usage: 500 visitors/day, 520 digital users/day.

(7) EXAMINATION SECTION

SNO	ITEM	GRADE	COMMENTS
7.1	Availability of space and staff security measures.	A	838.94 Sqm. area is available for Autonomous and Exam section. Which includes office space for examination section, Question paper printing section, spot centers, strong room, Cabins for staff attached to Examination section.
7.2	<p>Maintenance of records: (Please rate the maintenance of the following records)</p> <p>Register for Answer booklet (Used/unused):</p> <p>Register for Marks memos (used / unused):</p> <p>Availability of Answer scripts of earlier sems/years:</p> <p>Preparation and adherence to time tables:</p>	A	Available

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7.3	Adherence to Procedures (Question paper setting, conduct of examinations, Declaration of results, Revaluation):	A	Yes, strictly adhered to the procedure.
7.4	IT integration of and reforms in examination procedures:		

(8) AMINITIES AND SPORTS/ CULTURAL FACILITIS

SNO	ITEM	GRADE	COMMENTS
8.1	Extra Curricular Activities /Activities during the period	A	
8.2	Special recognitions / prizes/ achievements during the period:	A	Good
8.3	Additional facilities available on campus like bank / post office / etc.,	A	Yes
8.4	First aid doctor facility	A	Yes
8.5	Other facilities	A	Canteen is available
8.6	Student council activities:		

(9) PLACEMENT CELL:

SNO	ITEM	GRADE	COMMENTS
9.1	Campus placement activity	A	Yes
9.2	Industry Institute collaborations	A	Yes
9.3	Details of programmes conducted by the placement cell for personality development / communication skill / entrepreneurship development etc. 1. Placements informative session for 1 st B.Tech. students on 02.08.2024, Mr. G.Ramesh Babu, TPO, PVPSIT. 2. A session on "Tech adaptability- The foundation growth" for 2023 passing students on 15.08.2024 Mr. Sridharan Tiumangai, Sr. Director-Delivery, Virtusa 3. A session on "How to prepare for the Recruitment of the Top IT Majors?" for 2025 Pass outs on 27.09.2025, Mr. Aravind Raghunathan, Sr. Manager, Training & Products, FACE.	A	Yes

(10) SOCIAL SERVICE AND EXTENSION ACTIVITIES:

SNO	ITEM	GRADE	COMMENTS
10.1	Functioning of recognized units available:	A	Yes
10.2	Activities during the year in the sphere of extension activities and Institutional Social Responsibility: 60 Activities under NSS 16 Activities under NCC	A	Extensive activity: 60 NSS activities, 16 NCC activities, and multiple

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			awards.
10.3	<p>Details of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-</p> <p>ZONAL ROTARACT CONFERENCE AWARDS</p> <ol style="list-style-type: none"> 1. Best Rotaractor Male : Rtr Swaroop 2. Best Seven Areas of Focus Project : Swachhtha Hi Seva 3. Best Presentation In ZRR Visit : RAC PVP SIDDHARTHA 4. Best Public Image Chair : Rtr Dilip 5. Best Designer cum Editor : Rtr Meghana 6. Best Institute Based Club : RAC PVP SIDDHARTHA 7. Best Youth Service Director : Rtr Naveen 8. Best Community Service Director : Rtr Kalyan 9. Best Reporting Club : RAC PVP SIDDHARTHA 10. Best International Service Project : Digital Platform 11. Best Club Presentation (for PPT in ZRC) : RAC PVP SIDDHARTHA 12. Best Professional Service Director : Rtr .Sanjana Dasari <p>ROTARACT DISTRICT CONFERENCE AWARDS</p> <ol style="list-style-type: none"> 1. Best President : Rtr .Bhavitha Sri Kagitha <p>Best Professional Service Director : Rtr .Sanjana Dasari</p> <p>NCC:</p> <p>BEST CADET OF THE YEAR 2024:</p> <ol style="list-style-type: none"> 1. SUO M.N.S. Chowhan has been promoted to Company Senior Under Officer of 1(A) EME Company NCC, Vijayawada, becoming the first cadet from both the college and 1(A) EME Company to achieve this prestigious milestone. 2. From September 2 to September 13, 2024, JUO L. Sahithi represented her unit at the All India Thal Sainik Camp held in New Delhi. Showcasing exceptional knowledge and skill, she secured the All-India Gold Medal in the Health and Hygiene category, becoming the second cadet from the college to achieve this prestigious honor. 3. From November 01 to November 10, 2024, our NCC team, consisting of 10 members, participated in the Combined Annual Training Camp organized by 3(A) R&V REGT NCC at Gannavaram. Our students are winners in 4 events and runners in one event. 	A	

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(11) ADMINISTRATIVE MATTERS:

SNO	ITEM	GRADE	COMMENTS
11.1	Financial allocation and expenditure	A	Available and Satisfactory
11.2	Procedures and implementation of faculty and staff related matters:	A	Available
11.3	Support to socially backward students:	A	Available
11.4	Support to differently abled students:	A	Available
11.5	Support to foreign students on campus:	--	Not Applicable
11.6	General Campus maintenance:	A	Good
11.7	Faculty and staff grievance redressal mechanism:		Existing
11.8	Green Audit certificate: No	B	Energy Audit done, but Green and Environment Audits are missing ("No").
11.9	Energy Audit certificate: Yes		
11.10	Environment Audit certificate: No		

(12) GOVERNANCE, LEADERSHIP AND MANAGEMENT

(12) GOVERNANCE, LEADERSHIP AND MANAGEMENT			
SNO	ITEM	GRADE	COMMENTS
12.1	Pursuit of the vision and Mission of the Institution	A	
	Quality improvement strategies adopted by the institution for	A	
	Curriculum Development Teaching Learning Examination and Evaluation Research and development Library , ICT and Physical Infrastructure /Instrumentation Human Resource Management Industry Interaction/Collaboration Admission of students		
12.2	Activities and support from the Alumni Association:	B	Guest Lectures, Seminars, Webinars, Mock Interviews
12.3	Activities and support from Women cell: Guest lectures/Seminars: 1. Empowering Adolescent Girls: Managing Menstruation, Lifestyle Disorders, and Mental Well-being 2. One day Seminar on "Cancer Awareness" 3. Sexual harassment and girls protection	A	

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	Training programs: 1. Certification Course on "Artist in Me" Women's day celebrations: National & International, National Girl child's Day		
12.4	Interaction and support from the Industry	A	BOS members, Guest Lectures, Industry supported Labs, Financial support, Establishment of center of Excellence, Internships and Projects.
12.5	Description of administration	A	Organizational chart / administrative hierarchy is available

13. Quality Circles and Outcome

Various departments have established the following quality circles

- 1. Research and Consultancy**
Outcome: To publish more quality papers in SCI and Scopus journals. Increase the revenue in consultancy.
- 2. Faculty Improvement**
Outcome: To encourage faculty by delivering FDPs and to participate in various workshops and conferences.
- 3. Language Enhancement**
Outcome: To improve the communication skills among the student community.
- 4. Student Placements, Higher Studies and Competitive exams**
Outcome: To enhance the skills among students by organizing Skill Development Programs, internships and innovation training.
- 5. Industry-Institute interaction**
Outcome: To promote field projects and internships.
- 6. STEP:**
Outcome: To enhance the Listening, Speaking, Reading and Writing skills

14. Best Practices of the Institution

- Proactive management offering financial incentives for paper presentation, patent filing, attending FDPs and Seed Money for Research Projects.
- Encouraging faculty and students to get certified in NPTEL courses.
- Encouraging faculty to get AICTE- PG certification.

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4. Maintaining a healthy Student- Faculty Ratio
5. Regular feedback system is implemented effectively.
6. Implementing eco-friendly practices such as: solar energy (200 kWp), rain water harvesting, Solid Waste Management (600 kg/week) to achieve environmental sustainability.

Summary

The institute demonstrates strong performance in academic adherence, student placements (85.75%), and student pass percentages. It holds prestigious accreditations like NAAC A+ and ISO 21001:2018. However, there are notable gaps in non-government R&D funding, start-up generation, and faculty Ph.D. ratios that require strategic intervention.

STRENGTHS:

- **Strong Placement Record:** 85.75% of students placed, with a significant number (125) in the 5-10 LPA bracket.
- **Research Output:** High number of Scopus (129) and International Conference (74) publications.
- **Infrastructure:** Robust IT infrastructure with 1040 Mbps bandwidth and a massive 350 kW solar plant.
- **Student Achievements:** Exceptional performance in sports (Gold medals in Swimming, Archery, Cricket) and NCC (All India Gold Medal in Health & Hygiene).
- **Examination Rigor:** Results declared swiftly (14 days) and 838.94 Sqm dedicated secure area for exams.

WEAKNESSES:

- Faculty Ph.D. Ratio is low for a research-focused growth trajectory.
- Zero start-ups and zero awards from outside platforms for entrepreneurship.
- Very low presence of non-government/industry-sponsored R&D projects.
- Lack of Green Audit and Environmental Audit certificates despite having solar infrastructure.
- A bulk of placements are in the <5 Lakh package range, suggesting reliance on mass recruiters which can be volatile.

SUGGESTIONS FOR IMPROVEMENTS:

1. **Faculty Development Drive:**
 - **Immediate Action:** Incentivize existing faculty to register for Ph.D. programs. The current count of 93 Ph.D. holders must be doubled to improve academic standing.
2. **Revamp Innovation Ecosystem:**
 - **Start-up Focus:** Move beyond "Incubation ideas" to actual company incorporation. Create a dedicated "Start-up Cell" separate from the placement cell to mentor the 3 current ideas into marketable businesses.
3. **Industry Funding:** Set a target for the R&D team to apply for at least 5 Non-Government/Industry sponsored projects in the next academic year.

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4. **Environmental Certifications:**

- Since the campus already has a 350kW solar plant and rainwater harvesting, immediate steps should be taken to formally conduct and acquire the **Green Audit** and **Environmental Audit** certificates. This will help for accreditation points.

5. **Enhance Placement Quality:**

- While volume is high (85.75%), the focus should shift to quality. Currently, 568 students are below 5 LPA. Utilize the **Center of Excellence in CSE/ECE** to offer niche high-end training to shift these students into the >5 LPA bracket.

6. **Consultancy Expansion:** With 12 faculty already generating ₹18.1 Lakhs, there is potential to scale this by leveraging the 5 Centers of Excellence.

7. **Incubation:** The college is an MSME host institute with 3 incubation ideas worth ₹34 Lakhs currently running. This can be converted into actual start-ups.

8. **Alumni Engagement:** Alumni currently support with guest lectures; this can be expanded to support student start-ups or industry consultancy leads.

Name and Signature of the IQAC Coordinator


(Prof. B. Raghu Kumar)
IQAC Coordinator
Buddhartha Institute of Technology
Vijayawada

Name and Signature of the External Auditors:

1. Prof. A. Sarath Babu 
12/11/25
2. Prof. A. Venu Gopal 
12/11/25

Name and Signature of the Principal


(Dr. K. Sivaji Babu)
PRINCIPAL
PRASAD V. POTLURI
BUDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-7.

ACADEMIC AUDIT REPORT FOR THE ACADEMIC YEAR 2024-2025

1. Name of the Section: **Exam Section**

2. No. of faculty: **1 Controller of Examinations, 4 Asst. Controller of Examinations**

3. No. of Supporting Staff: **2 Junior Programmers, 5 Office Assistants,**

1 Record Assistant, 3 Attenders

Please give your comments / suggestions on the procedures followed in the examination section.

i. Whether the examination section structure is designed as per the UGC guidelines? - **YES**

ii. Does the duties of the staff are clearly defined? - **YES**

iii. Whether the section possesses Academic Regulations, course structure, syllabi and micro syllabi of the subjects of all the departments in a proper format? - **YES**

iv. Does the section keeping the record of notifications, internal examination schedules and external examination schedules properly? - **YES**

v. Procedure of finalization of internal examinations marks and display of final marks.

As per B.Tech PVP23 Regulations in a semester for theory subjects, there shall be two midterm examinations. Each midterm examination consists of

- one objective examination (20 multiple choice questions OR 05 short answer questions with 2 marks each) for 10 marks for duration of 20 minutes,
- one subjective examination (contain 3 essay type questions with an internal choice) Each question carries 10 marks. The marks obtained in the subjective paper are condensed to 15 marks and the duration will be 90 minutes, and
- a home assignment for 5 marks.

The total marks secured by the student in each midterm examination are evaluated for 30 marks. Internal marks can be calculated with 80% weightage for better of the two midterm examinations and 20% weightage for other midterm examination.

After valuation, internal answer scripts will be handed over to the student to check their marks. If any discrepancies are identified they will be brought to the notice of the

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concerned teacher and necessary measures will be taken. The finalized marks are displayed in the college website for students and parents reference.

As per B.Tech PVP20 Regulations in a semester for theory subjects, there shall be two midterm examinations. Each midterm examination consists of one objective examination (20 multiple choice questions) for 10 marks and the duration will be 20 minutes, one descriptive examination (3 full questions for 5 marks each) for 15 marks and the duration will be 90 minutes and a home assignment for 5 marks. The total marks secured by the student in each midterm examination are evaluated for 30 marks. Internal marks can be calculated with 80% weightage for better of the two midterm examinations and 20% weightage for other midterm examination. After valuation, internal answer scripts will be handed over to the student to check their marks. If any discrepancies are identified they will be brought to the notice of the concerned teacher and necessary measures will be taken. The finalized marks are displayed in the college website for students and parents reference. For Integrated courses, final internal marks are calculated by taking into consideration 70% from theory internal mark and 30% from practical internal marks secured by the student.

As per M.Tech PVP22 Regulations in a semester for theory subjects, there shall be two midterm examinations for 30 marks (2 Questions from each unit with an internal choice, each question carries 15 marks) with a duration of 90 minutes and two home assignments for 10 marks each. The internal examination marks shall be awarded by calculating the average of marks secured in two midterm examinations and average of marks secured in two assignments. After valuation, internal answer scripts will be handed over to the student to check their marks. If any discrepancies are identified they will be brought to the notice of the concerned teacher and necessary measures will be taken. The finalized marks are displayed in the college website for students and parents reference.

As per M.B.A. PVP21 Regulations in a semester for theory subjects, there shall be two midterm examinations for 20 marks (4 Questions each for 5 marks) with a duration of 120 minutes and a seminar/presentation for 10 marks. The internal examination marks shall be awarded by calculating the average of marks secured in two midterm examinations and the marks secured in seminar/presentation. After valuation, internal answer scripts will be handed over to the student to check their marks. If any discrepancies are identified they will be brought to the notice of the concerned teacher and necessary measures will be taken. The finalized marks are displayed in the college website for students and parents reference.

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As per M.B.A. PVP24 Regulations in a semester for theory subjects, there shall be two midterm examinations for 20 marks (4 Questions each for 5 marks) with a duration of 120 minutes, 10 marks for vivo-voce (5 marks for presentation and 5 marks for seminar) and for a total of 30 marks. The final internal examination marks shall be awarded by calculating the average of marks secured in two midterm examinations and the marks secured in seminar/presentation. After valuation, internal answer scripts will be handed over to the student to check their marks. If any discrepancies are identified they will be brought to the notice of the concerned teacher and necessary measures will be taken. The finalized marks are displayed in the college website for students and parents reference.

vi. Question paper setting procedure and moderation of question paper.

Experts having Doctoral Degree in the area of specialization of the subject for which the end semester examination question paper has to be set, are identified from the reputed institutions. Each paper setter has to prepare 2 Question papers of the allotted subject. Generally 4 sets of question papers are maintained one will be picked randomly on the day of examination. Detailed instructions regarding question paper setting and confidentiality are informed to the paper setter's prior to issue.

S. No.	Description					Remarks		
Question Paper								
1.	Question paper conforms and covers the entire syllabus					Yes		
2.	Marks allotted to each question and sub division are appropriate					Yes		
3.	Appropriate questions are asked in each part					Yes		
4.	Any repetition of questions identified					No		
5.	Question paper is free from spelling / grammatical errors					Yes		
6.	Question paper is answerable by an average student in the time of 3 hrs					Yes		
7.	Whether the question paper suffers from any missing/inadequate data					No		
8.	Overall standard of the question paper after scrutiny: 5 being the Best / 1 being the Least - Put $\sqrt{\quad}$ mark			1	2	3	4	5
								$\sqrt{\quad}$
Answer Script								
9.	Whether the scheme cum solution set is prepared at depth giving solutions to all the questions?					Yes		
10.	Whether the examiner valued the answer scripts strictly following the scheme?					Yes		
11.	Whether all the answered questions are evaluated by the examiner?					Yes		

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12.	The marks in the answer scripts are correctly reflected in the award list by the examiner.	Yes
13.	Whether this examiner be continued for further evaluation work?	Yes

vii. Conduct of semester end examinations and Evaluation procedure and reevaluation process adopted in the system.

Scaled Question paper packets are opened directly in the examination hall in front of the students by the invigilator. The seating plan is arranged such that 6 students from different branches and no student from the same branch will be seated adjacently. After the completion of the examination, spot valuation will be conducted in the college by blend of external and internal examiners in the ratio of 60:40 based on the no. of subjects in the semester and a chief examiner for each subject will be monitoring the evaluators valuation process guiding them based upon the scheme and solution set provided to them and randomly 10% of the scripts of each evaluator are evaluated by him. After declaration of the results a notification will be issued by the Controller of Examinations, the students can submit the applications for revaluation, along with prescribed fee receipt for revaluation of his/her answer script(s) of the theory course(s). A new Examiner, other than the first Examiner shall re-evaluate the answer script.

For PG programs (M.Tech & MBA) there shall be two evaluations, first valuation is done by External Examiners and second valuation is done by Internal Examiners (other than the faculty handled the subject). If the difference between the two valuations is more than 20% of the total semester end examination marks, then it is referred to a third valuation done by the subject expert apart from above two valuers. The final marks are considered by taking the average of nearest of above valuations. After declaration of the results a notification will be issued by the Controller of Examinations, the students can submit the applications for challenge valuation, along with prescribed fee receipt for challenge valuation of his/her answer script(s) of the theory course(s). The Controller of Examinations shall arrange for challenge valuation of the answer scripts.

viii. Whether the results are declared within the stipulated period? - **Yes**

ix. Is there any proper mechanism to publish the results and result analysis? - **Yes**

x. Whether the Tabulation register is available? - **Yes**

xi. Verify the following documents and give your suggestions

Minutes of examination committee and finance committee meetings.

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- Available and maintained properly

Malpractice cases

- All such cases are Recorded in a Malpractice Enquiry Committee Register and the information is passed on to the parents also.

Reports send to university for issue of Original Degree certificates

- Are well organized and an Office Copy is maintained

Security features on Grade Card and Grade Card Issue Record

- Seven Security features are noticed in the Grade Card and Grade Card Issue Record is also maintained along with Memo Nos.

Stock Register

- Maintained and all the procurements are recorded.

4. Strengths:

- The complete examination system is fully automated.
- All Question papers are strictly adhering to the cognitive levels of the Blooms Taxonomy. Each question in internal and external examinations is clearly indicated with the mapped course outcomes and Blooms Taxonomy level of learning.
- The B.Tech (PVP20 & PVP23) curriculum is embedded with new type of courses such as job oriented electives, skill based courses, integrated courses (blend of theory and practical), internships, community service project, etc., in accordance with the guidelines given by the Apex Bodies.
- The college has implemented Academic Bank of Credits (ABC) to promote the flexibility in the curriculum as per NEP-2020.
- Facility to opt an elective course through blended MOOCS mode is also introduced.
- The Students with good academic record and interest towards higher studies and research are facilitated to choose additional or specialized courses of their choice and build their competence at UG level by acquiring an additional 20 credits, to the required credits. Such students are given a provision to earn **B.Tech Honors Degree** or **B.Tech Major Degree with Minors in chosen specialization**.
- In the Academic year 2024-2025, 83 Students secured HONORS Degree and 1 Students secured MINORS Degree.
- A Student shall be permitted to pursue up to a maximum of two elective courses under MOOCs during the Programme. Each of the courses must be of minimum 12 weeks in duration. Attendance will not be monitored for MOOC courses. Student has to pursue and acquire a certificate for a MOOC course only from the organizations/agencies

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approved by the BOS in order to earn the 3 credits. The Head of the Department shall notify the list of such courses at the beginning of the semester.

- In PVP20 regulations, of the 20 additional credits to be acquired, 16 credits shall be earned by undergoing specified courses listed as pools, with four courses, each carrying 4 credits. The remaining 4 credits must be acquired through two MOOCs, which shall be domain specific, each with 2 credits and with a minimum duration of 8/12 weeks as recommended by the Board of studies.
- As per the UGC guidelines, the university shall allow upto a maximum of 20% of the total courses being offered in a particular program i.e., maximum of 32 credits through MOOCs platform (SWAYAM / NPTEL).
- The examination policies and procedures followed are strictly adhering to the guidelines issued by the Apex Bodies and Affiliating University.
- Printing Zone and Strong Room are equipped with Bio-metric Access Control. 16 Closed Circuit Cameras are available for round the clock vigilance. 2 Spot Valuation Rooms are equipped with 12 Air Conditioners so that Valuation can be conducted even during the summer. Adequate Infrastructure facilities are available. Server – 1, High Speed Printing Machines – 4, Duplicators – 2, Systems – 14, Shredder -1, OMR scanner-1, Scanners-2.
- Examination Fee is waived off to the Physically Handicapped Students.

COMMENTS:

The Exam Section is very well equipped to take care of the confidentiality with 2 to 3 levels of security.

It is commendable to note that ABC is implemented since 2021 and more than 30000 records are uploaded.

Signature of the Controller of Examinations

Controller of Examinations
Prasad V. Potluri

Signature of the Principal

PRINCIPAL

PRASAD V. POTLURI

SIDDHARTHA INSTITUTE OF TECHNOLOGY

KANURU, VIJAYAWADA-7.

Name and Designation of the Academic Auditor:

Signature of the Academic Auditor 1:

Dr. A Sarat Babu, Professor, NIT WARANGAL

Name and Designation of the Academic Auditor:

Signature of the Academic Auditor 2:

Dr. A Venu Gopal, Professor, NIT WARANGAL

EXAMINATION SECTION

Availability of space and staff security measures

➤ Availability of space and equipment:

Area:

S.No	Room No	Room Name	Area (Sq.M)
1.	401	Spot Room – 1	276.54
2.	402	Confidential Section	54.82
3.	403	COE Room	21.29
4.	404	Spot Room -2	171.20
5.	405	Coding Room	101.05
6.	406	Strong Room	49.04
7.	106	Examination Section	165.00
Total			838.94

Equipment:

Adequate Infrastructure facilities are available.

Server – 1, High Speed Printing Machines– 4, Duplicators – 2, Systems – 14, Shredder -1, OMR scanner-2, Printers-8, Scanners-2.

2 Spot Valuation Rooms are equipped with 12 Air Conditioners so that Valuation can be conducted even during the summer.

➤ Availability of Staff:

No. of faculty: **1 Controller of Examinations and 4 Assistant Controllers**

No. of Supporting Staff: **2 Junior Programmers, 5 Office Assistants, 1 Record Assistant, 3 Attenders**

➤ Security Measures:

Access to Examination Section: The Examination section is span across 2 parts, i.e., examination conduction section (ground floor) and confidential section (3rd floor).

Access to confidential section is strictly restricted to Faculty. Only COE, ACOEs and

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Dedicated Supporting Staff are permitted. Restricted access to Conduction section is permitted to staff and students when needed. Dedicated Internet (VPN) Facility is provided restricting access to outside network is provided.

General Security Measures: Printing Zone and Strong Room are equipped with Bio-metric Access Control. 16 Closed Circuit Cameras are available for round the clock vigilance.

Security on Grade Cards, CGC etc.: Several Security features such as Micro Printing, High Resolution Border, Penetrating Numbering, Invisible Printing, Anti Copy, Opaque Text, Flourocent Orange Ink Logo are incorporated in the Semester Grade Card and Consolidated Grade Card etc.,

Maintenance of Records:

Proper filing and documentation of records is strictly followed at every phase in the examination section. Separate filing system with proper nomenclature is regularly maintained and updated. Periodically files are verified by various inspection committees such as ISO, IQAC, etc.

- **Register for used/unused Answer Booklets and Mark memos:** Bulk printing of Answer Booklets and Mark memos are done by External Printing Agencies. Printing of Variable data in Marks Memos such as grades, SGPA, CGPA etc is done internally. Usage of answer booklets and mark memos are properly recorded.
- **Availability of Answer Scripts of earlier Semesters/Years:** All the answer scripts of the external examinations are packed post valuation and revaluation and are placed securely in strong rooms. Access to strong rooms is strictly under the vigilance of COE/ACOE. The strong rooms are equipped with Surveillance Cameras and biometric access.
- **Preparation and adherence to timetables:** Academic Calendar is prepared for every academic year well in advance. All internal and external examination timetables are prepared in accordance with the scheduled given in the Academic Calendar. The conduction of examinations is strictly adhered to the time tables issued.

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Adherence to Procedures

- **Question Paper Setting:** Experts having Doctoral Degree in the area of specialization of the subject for which the end semester examination question paper has to be set, are identified from the reputed institutions. Each paper setter has to prepare 2 Question papers of the allotted subject. Generally 4 sets of question papers are maintained one will be picked randomly on the day of examination. Detailed instructions regarding question paper setting and confidentiality are informed to the paper setter's prior to issue.
- **Conduct of Examinations:** On the day of examination, randomly a question paper is selected by COE. The moderators will be present from 7.30 am to 10.15 am and 11.00am to 02.15 pm to check the whether the paper is confined to the syllabus or not. After verification of the question paper by the moderators, multiple copies of question paper are printed based on the no. of students applied for the examination. The question papers are placed in a sealed cover based on the seating arrangement of examination rooms. The question papers are dispatched to the rooms 5 minutes prior to commencement of Examination in presence of internal and external observers. Sealed Question paper packets are opened directly in the examination hall in front of the students by the invigilator. After examination the answer scripts are arranged based on the department and subject. Sealed answer scripts are then sent to confidential section for further processing.
- **Declaration of Results:** After the completion of the examination, spot valuation will be conducted in the college by blend of external and internal examiners in the ratio of 60:40 based on the no. of subjects in the semester and a chief examiner for each subject will be monitoring the evaluators valuation process guiding them based upon the scheme and solution set provided to them and randomly 10% of the scripts of each evaluator are evaluated by him. The subject valutors are pooled from various reputed institutions who have taught that subject at least twice. Chief valutors are generally senior faculty/Doctorates in that subject discipline. Post valuation and scrutiny the marks are entered and thoroughly verified. The results are declared after the approval of results committee comprising of the Principal, COE & Respective HOD's. The results are disseminated to the students through Results web portal, SMS. All the results will be ratified in the Academic Council.

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* As per the recent guidelines issued by the JNTUK a University Nominee has to be present during declaration of results for which a representation has been submitted to the University to depute a University Nominee.


- **Revaluation:** After declaration of the results a notification will be issued by the Controller of Examinations, the students can submit the applications for revaluation, along with prescribed fee receipt for revaluation of his/her answer script(s) of the theory course(s). A new Examiner, other than the first Examiner shall re-evaluate the answer script. The revaluation results are approved by results committee.




IGAC Coordinator
PVP Siddhartha Institute of Technology
Vijayawada

Name and Designation of the Academic Auditor:
Dr. A Sarat Babu, Professor, NIT WARANGAL

Name and Designation of the Academic Auditor:
Dr. A Venu Gopal, Professor, NIT WARANGAL



Signature of the Controller of Examinations
Prasad V. Potluri
Siddhartha Institute of Technology
KANURU, VIJAYAWADA-520 007



Signature of the Principal
PRINCIPAL
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-7



Signature of the Academic Auditor 1:



Signature of the Academic Auditor 2:

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)
KANURU, VIJAYAWADA-520007

Outgoing Students Results

B.TECH – PVP20 Regulations (AY: 2024-2025)

	CE	EEE	ME	ECE	CSE	IT	Total
REGISTERED	52	110	99	138	213	139	751
PASSED	45	87	77	119	203	134	665
PERCENTAGE	86.54	79.09	77.78	86.23	95.31	96.4	88.55

MBA – PVP21 Regulations (AY: 2024-2025)

REGISTERED	63
PASSED	61
PERCENTAGE	96.83

M.TECH – PVP22 Regulations (AY: 2024-2025)

	ME – MACHINE DESIGN	ECE - MICROWAVE & COMMUNICATION ENGINEERING	Total
REGISTERED	3	1	4
PASSED	0	1	1
PERCENTAGE	0	100	25

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(AUTOTNOMOUS)
KANURU, VIJAYAWADA – 520007

RESULT ANALYSIS

REGULAR EXAMINATIONS – SEMESTER I

IV B.Tech I Semester – PVP20 Regulations (AY: 2024-2025) OCTOBER 2024

	CE	EEE	ME	ECE	CSE	IT	Total
REGISTERED	52	110	99	138	213	139	751
PASSED	50	101	86	122	207	133	699
PERCENTAGE	96.15	91.82	86.87	88.41	97.18	95.68	93.08

III B.Tech I Semester – PVP20 Regulations (AY: 2024-2025) NOVEMBER 2024

	CE	EEE	ME	ECE	CSE	IT	CSE - AIML	CSE-DS	Total
REGISTERED	56	68	63	142	210	142	70	69	820
PASSED	41	61	49	102	179	121	64	67	684
PERCENTAGE	73.21	89.71	77.78	71.83	85.24	85.21	91.43	97.10	83.41

II B.Tech I Semester – PVP23 Regulations (AY: 2024-2025) DECEMBER 2024

	CE	EEE	ME	ECE	CSE	IT	CSE - AIML	CSE-DS	Total
REGISTERED	58	70	67	141	217	142	70	72	837
PASSED	26	56	36	94	200	123	68	71	674
PERCENTAGE	44.83	80.00	53.73	66.67	92.17	86.62	97.14	98.61	80.53

I B.Tech I Semester – PVP23 Regulations (AY: 2024-2025) DECEMBER 2024

	CE	EEE	ME	ECE	CSE	IT	CSE - AIML	CSE-DS	Total
REGISTERED	47	64	61	130	262	132	67	65	828
PASSED	21	36	13	115	248	87	61	55	636
PERCENTAGE	44.68	56.25	21.31	88.46	94.66	65.91	91.04	84.62	76.81

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IV B.Tech I Semester – PVP20 Regulations (AY: 2024-2025) OCTOBER 2024**HONORS-MINORS**

	HONORS	MINORS
REGISTERED	85	28
PASSED	84	1
PERCENTAGE	98.82	3.57

III B.Tech I Semester – PVP20 Regulations (AY: 2024-2025) NOVEMBER 2024**HONORS-MINORS**

	HONORS	MINORS
REGISTERED	142	17
PASSED	138	17
PERCENTAGE	97.18	100

II B.Tech I Semester – PVP20 Regulations (AY: 2024-2025) DECEMBER 2024**Re-admitted**

	ME	Total
REGISTERED	1	1
PASSED	0	0
PERCENTAGE	0	0

II MBA I Semester – PVP21 Regulations (AY: 2024-2025) DECEMBER-2024

	MBA
REGISTERED	64
PASSED	63
PERCENTAGE	98.44

I MBA I Semester – PVP24 Regulations (AY: 2024-2025) DECEMBER-2024

	MBA
REGISTERED	64
PASSED	60
PERCENTAGE	93.75

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II M.TECH I SEMESTER (PVP22) (AY: 2024-2025) – JANUARY-2025

DEPARTMENT	REGISTERED	PASSED	PASS PERCENTAGE
MICROWAVE & COMMUNICATION ENGINEERING	1	1	100
MACHINE DESIGN	3	3	100
TOTAL	4	4	100

I M.TECH I SEMESTER (PVP22) (AY: 2024-2025) – FEBRUARY-2025

DEPARTMENT	REGISTERED	PASSED	PASS PERCENTAGE
MICROWAVE & COMMUNICATION ENGINEERING	1	0	0
MACHINE DESIGN	2	1	50
TOTAL	3	1	33.33

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REGULAR EXAMINATIONS – SEMESTER II

IV B.Tech II Semester – PVP20 Regulations (AY: 2024-2025) MARCH 2025

	CE	EEE	ME	ECE	CSE	IT	Total
REGISTERED	52	110	99	138	213	139	751
PASSED	52	108	98	138	213	139	748
PERCENTAGE	100	98.18	98.99	100	100	100	99.6

IV B.Tech II Semester – PVP20 Regulations (AY: 2024-2025) MARCH 2025 HONORS (MOOCS)

	HONORS
REGISTERED	58
PASSED	58
PERCENTAGE	100

III B.Tech II Semester – PVP20 Regulations (AY: 2024-2025) APRIL 2025

	CE	EEE	ME	ECE	CSE	IT	CSE - AIML	CSE- DS	Total
REGISTERED	56	66	59	139	210	142	70	69	811
PASSED	38	54	37	96	184	136	70	69	684
PERCENTAGE	67.86	81.82	62.71	69.06	87.62	95.77	100	100	84.34

III B.Tech II Semester – PVP20 Regulations (AY: 2024-2025) APRIL-2025 HONORS-MINORS

	HONORS	MINORS
REGISTERED	117	14
PASSED	117	13
PERCENTAGE	100	92.85

II B.Tech II Semester – PVP23 Regulations (AY: 2024-2025) MAY 2025

	CE	EEE	ME	ECE	CSE	IT	CSE - AIML	CSE- DS	Total
REGISTERED	57	70	66	139	216	142	70	71	831
PASSED	40	61	33	118	195	125	67	71	710
PERCENTAGE	70.18	87.14	50.00	84.89	90.28	88.03	95.71	100.00	85.44

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II B.Tech II Semester – PVP23 Regulations (AY: 2024-2025) MAY-2025

HONORS-MINORS

	HONORS	MINORS in CSE
REGISTERED	144	67
PASSED	140	48
PERCENTAGE	97.22	71.64

I B.Tech II Semester – PVP23 Regulations (AY: 2024-2025) MAY 2025

	CE	EEE	ME	ECE	CSE	IT	CSE - AIML	CSE- DS	Total
REGISTERED	48	61	57	129	262	132	66	63	818
PASSED	32	38	22	107	245	101	64	60	669
PERCENTAGE	66.67	62.30	38.60	82.95	93.51	76.52	96.97	95.24	81.78

II B.Tech II Semester – PVP20 Regulations (AY: 2024-2025) MAY 2025

Re-admitted Students

	EEE	ME	CSE	IT	Total
REGISTERED	3	1	1	1	6
PASSED	1	0	1	0	2
PERCENTAGE	33.33	0	100	0	33.33

II MBA II Semester – PVP21 Regulations (AY: 2024-2025) MAY 2025

	MBA
REGISTERED	63
PASSED	63
PERCENTAGE	100

I MBA II Semester – PVP24 Regulations (AY: 2024-2025) JUNE 2025

	MBA
REGISTERED	64
PASSED	62
PERCENTAGE	96.88

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*A. S. Bhatia
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I M.TECH II SEMESTER (PVP22) (AY: 2024-2025) JULY - 2025

DEPARTMENT	REGISTERED	PASSED	PASS PERCENTAGE
MICROWAVE & COMMUNICATION ENGINEERING	1	1	100
MACHINE DESIGN	2	0	0
TOTAL	3	1	33.33

II M.TECH II SEMESTER (PVP22) (AY: 2024-2025) SEPTEMBER - 2025

DEPARTMENT	REGISTERED	PASSED	PASS PERCENTAGE
MICROWAVE & COMMUNICATION ENGINEERING	1	1	100
MACHINE DESIGN	3	0	0
TOTAL	4	1	25

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A. S. Bhat
12/12/25

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
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NSS UNIT-REPORT
2024-25

1. 32 NSS volunteers of PVP Siddhartha have visited Sharon Orphanage Home at Mangalagiri on 11-06-2024. They have distributed monthly supplies, spent the entire day with the kids by means of various games, songs and dancing. The day is spent well, filled with smiles from the little kids.
2. Yoga Demonstration is organized by NSS Unit, PVP Siddhartha Institute of Technology on the eve of International Yoga Day on 21-06-2024. A total of 68 students and 12 faculty members have attended the demonstration. Volunteers under the guidance of Murthy Sir, renowned Yoga trainer, have demonstrated Yogasanas.
3. The Jagannatha Ratha Yatra, a three-day annual event, is scheduled from 12th July 2024 in Vijayawada. Around one lakh people have participated in the festival. The 8-km Yatra has commenced at 2 p.m. from D-Address Mall and covered prime localities. 60 volunteers have rendered services like canvassing about the Yatra, distribution of pamphlets, water and butter milk during the event.
4. K.Anisha, J.Sai Prudhvi, O.Rahul, Koushik and Rajesh of 3rd B.Tech have been felicitated at the Samagra Shiksha Abhiyan-SSA, AP State Office, Patamata, Vijayawada, on 15-07-2024 by B.Srinivasa Rao, IAS, Commissioner, Samagra Siksha Abhiyan, AP for rendering services as ATL Mentors at Penamaluru High School during the academic year 2023-24.
5. All 60 final year volunteers have been bestowed with NSS Student Coordinator certificates on 20-07-2024 for their precious services during the academic years 2022-23 and 2023-24 as NSS Volunteers.
6. On 29-07-2024 and 30-07-2024, Dr.M.Shyam Sundar, Programme Officer, NSS unit, and 25 NSS Volunteers have addressed the first year students as part of the Induction Programme on the activities/camps being conducted by NSS Unit of our institute.
7. Campus Visit for I B.Tech students is conducted by 24 volunteers on 07-08-2024. The volunteers accompanied the students to take a look at the infrastructural facilities available in the campus.
8. Blood donation is a selfless act that saves lives and exemplifies the values of compassion and service, said Prof. P. Venkateswara Rao, Vice-Chancellor of Siddhartha Academy of Higher Education (Deemed to be University), at the inaugural session of a mega blood donation camp organized by the NSS units of VRSEC and PVPSIT, in association with the Central GST Department and the Red Cross. Prof. Rao encouraged students to participate and make a difference. 26 students from PVPSIT have donated blood during the camp on 08-08-2024.
9. On the eve of Independence Day Celebrations, an elocution competition is organized on the topic, "What do you mean by Patriotism?" to 118 students on 14-08-2024. Prizes are distributed to the best performers.
10. Tree plantation is very necessary because trees provide oxygen to the environment and make the air quality better. If more trees are planted, then the world's environment will become a safer place to live in. Tree plantation also reduces pollution, thus making the life of future generations secure. Keeping this objective in mind, a Plantation Camp is organized by NSS Unit with 34 volunteers on 20-08-2024 where 50 saplings are planted.
11. A trainee doctor is brutally raped and murdered at RG Kar Medical College, Kolkata on 9th August 2024. The case has sparked widespread outrage and led to nationwide protests by thousands of doctors, medical staff and civilians, who expressed their solidarity with

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the victim and demanded severe punishment for those responsible. As a mark of solidarity, NSS Unit of PVPSIT has organized, "Protest through Signature" campaign in the campus on 23-08-2024, and all the staff members and students have demanded justice and 680 of them signed on the banner.

12. B.Chaitanya, the son of B.Venkatrao, attender cum water boy, has died in a train accident a month ago at Pendurthi while getting down from the train. The family has to endure deepest psychological pain as well as financial loss, incurred on medical, transport and ceremony expenses. In this regard, the staff members and students have wholeheartedly donated Rs.10,000/- to support the bereaved family and offered them a helping hand on 24-08-2024. 24 volunteers have taken the initiation of collecting donations.
13. Sports are very essential for all humans to keep themselves fit and physically strong. They have great importance in each stage of life and improve the personality of people. Sports keep our organs alert and our hearts become stronger by regularly playing some kind of sport. In this regard, SPORTS FUSION, a sports event is conducted during 27-08-2024 to 29-08-2024 with the assistance of Rotaract Club of PVP Siddhartha. 256 students have taken part in the event.
14. Groceries for 2 months are donated to Sharon old-age home on 29-08-2024 with the donations collected from staff and students. One of the biggest benefits of donating groceries at an old age home is that by doing so we can give senior group of the society a feeling of being loved, cared and valued for. With this, they get a feeling that they are still cared for and are still a part of the society. 54 students have been part of the initiative.
15. Floods that have hit Vijayawada in the first week of September and ravaged the city, colonies are submerged in water and lakhs of people are stranded in the neck deep water waiting for help. 54 NSS Volunteers have readily come forward, with the help of tubes, swam to the needy and distributed 1200 meal packets in Bhayanipuram area on 02-09-2024.
16. Clay idols are made from natural materials that dissolve in water, unlike Plaster of Paris idols which can contaminate water. They are biodegradable and don't harm living creatures in the water. These idols don't contain harmful chemicals or sparkles that can cause health problems. Keeping this in view, 250 Clay Ganesh Idols have been made on 04-09-2024 and distributed to the staff and students by 55 NSS Volunteers on the eve of Vinayaka Chavithi.
17. A presentation competition is conducted for 114 students on 18-09-2024 on Hollywood Classic and Inspirational Movies. 23 teams of students-each team with 5 members, have presented PPTs on classics like, Shawshank Redemption, Bucket List, Interstellar, etc.
18. Swachhta Hi Seva Abhiyan 2024 is observed with a beeline of activities that are aimed to create greater awareness on the importance of cleanliness and environmental stewardship, with tree plantation being a key activity. The Swachhata Hi Seva campaign is being observed from 17th September to 01st October, 2024 with the powerful theme of 'Swabhav Swachhata Sanskaar Swachhata'. The campaign will be a prelude to the Swachh Bharat Diwas to be celebrated on 2nd of October 2024.
19. NSS Day is celebrated on September 24th every year to mark the launch of the National Service Scheme (NSS) in 1969. It was launched to develop student character, promote social welfare, establish linkages and practice national integration. NSS Pledge is taken by 60 NSS Volunteers on 24-09-2024.
20. 62 Volunteers have rendered services during A2A RUN- Marathon organized by Vee Vibe Sports and Events at NRI Circle, Mangalagiri, Guntur on 29-09-2024 to create awareness on the benefits of walking and running. 3k run, 5 k run and 10k run and a cash prize of Rs 2.40 lakh is awarded to the winners. Distributing water, streamlining traffic, encouraging participants etc are the services offered by our volunteers.

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21. APJ Abdul Kalam was an Indian aerospace scientist and statesman who served as the 11th president of India from 2002 to 2007. He was the recipient of several prestigious awards, including the Bharat Ratna, India's highest civilian honour. NSS Unit has celebrated his birthday on 15-10-2024 by screening his biography to 122 students.
22. I.Gouri Avinash, a 13 year old boy from Vijayawada, is suffering from Neurological disorder. His family has requested the NSS Unit of PVPSIT for financial support towards surgery and medical expenses. In this regard, the staff members and students of PVP Siddhartha Institute of Technology have wholeheartedly donated Rs.60,250/- (sixty thousand two fifty only) on 16-10-2024. Principal Dr.Sivaji Babu has handed over the amount to the family of Gowri Avinash and appreciated 22 NSS Volunteers for their commitment.
23. 136 staff members have been registered as voters on 21-10-2024 for the upcoming Graduate MLC elections. 35 volunteers have offered services like online registration, data entry, etc.
24. A Health Screening Camp is organized for all Male Staff Members (both teaching and non-teaching) on 23-10-2024. Diabetes, Hypertension, 2D Echo, Ultrasound scanning for kidneys, Bone density, RBS, Dental and Ophthalmology etc. tests are conducted for 126 members during the camp and 20 volunteers have coordinated the event.
25. Health Screening Camp is organized for all Female Staff members (both teaching and non-teaching) on 24-10-2024. Diabetes, Hypertension, 2D Echo, Ultrasound scanning for kidneys, Bone density, RBS, Dental and Ophthalmology etc. tests are conducted for 145 members during the camp and 20 volunteers have coordinated the event.
26. 84 NSS Volunteers have participated in the Anti-Corruption Rally at Kanuru, organized by Archaeological Survey of India, Amaravathi Circle, Kanuru, on 29-10-2024
27. Blood Grouping Camp is organized for 720 first year students on 30-10-2024. Medical staff members from Andhra Hospitals, Gollapudi, have conducted the tests.
28. Viksit Bharat@2047 is the vision of Government of India to make India a developed nation by 2047, the 100th year of its independence. The vision encompasses various aspects of development, including economic growth, social progress, environmental sustainability, and good governance. In this regard, an essay writing on "Is Viksit Bharat@2047, an Ambitious Vision?" is conducted for 74 students on 08-11-2024.
29. The 7th edition of Amaravathi Balotsavam is held at Siddhartha Auditorium during 15-17 November 2024, with the theme of 'Way to Progress—Scientific Temper' which is the only way to take the country forward. As many as 10,000 students of 200 schools across the state have competed in six cultural and ten academic programmes. 25 NSS Volunteers have offered services like registration of participants, event coordination etc during the event.
30. 102 NSS Volunteers have rendered their services during the ninth edition of the Vijayawada Marathon which saw enthusiastic participation from over 1,800 runners in the 5K, 10K, and 21K events, held on 17-11-2024 in Vijayawada. Participants included athletes, students, youth, bureaucrats, and commoners from Vijayawada, Bangalore, Chennai and Hyderabad.
31. G.Raj Gopal, F/O G.Kumar Babu of 4th B.Tech, Dept of IT, is suffering from cancer and has to undergo chemotherapy. The family is in need of financial assistance. In this regard, the staff members and students have wholeheartedly donated an amount of Rs.44,700/- (forty four thousand and seven hundred only) to support the family on 27-11-2024. 15 Volunteers coordinated the event.
32. 25 NSS Volunteers who have offered valuable services during Amaravathi Balotsavam are felicitated at Balotsav Bhavan, Vijayawada on 06-12-2025.

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33. The NSS Unit has organized a workshop, "ATAL Tinkering Lab-Mentoring" with the assistance of Board for Community Development through Education (BCDE), Andhra Pradesh State Council of Higher Education (APSCHE), sponsored by Samagra Siksha, Govt. of A.P., UNICEF, Vigyan Ashram, from 19-21 December 2024. 35 students from 7 Engineering colleges and 7 faculty members are trained as ATL Mentors.
34. Mr.P.Lalith Chandra, III CSD, has been selected for 3rd round of Viksit Bharat Young Leader Dialogue. He has attended and presented his idea, "India's Startup Revolution: Paving the Way to Global Dominance" at Acharya Nagarjuna University on 31-12-2024.
35. Blood Donation Camp is organized with the assistance of Andhra Hospitals on 08-01-2025. 45 students have donated blood during the camp. Dr.Archyuta Babu, Andhra Hospitals and Dr.Shyam, NSS Programme Officer coordinated the event.
36. 6 Volunteers have attended Rotasias-2025, held at Silvassa, UT of Daman and Diu during 9-12 January 2025. As part of the event, the volunteers have participated in plenary sessions, leadership activities and exchange programmes.
37. Traffic awareness is crucial for ensuring road safety, reducing accidents, and fostering a responsible traffic culture. It involves understanding and adhering to traffic rules, being aware of surroundings, and promoting safe practices for all road users. An awareness on Road Safety is conducted for 118 students on 23-01-2025.
38. National Voters' Day is celebrated annually in India on 25th January to mark the foundation day of Election Commission of India. It was established by the Government of India in order to encourage more young voters to take part in the political process. NSS Unit has observed the National Voters Day with voters pledge by 426 students in the classes on 25-01-2025.
39. Drug Free India is a National Movement, launched on 15 August 2020 by the Ministry of Social Justice and Empowerment, Nisha Mukta Bharat Abhiyan (NMBA) is a nationwide campaign addressing substance abuse through prevention, treatment, and rehabilitation. An Awareness drive on Drug Free India is conducted for I B.Tech students on 03-02-2025 by 24 volunteers.
40. Cancer awareness is important because it helps people to get screened early, which can improve survival rates. It also helps people to take steps to reduce their risk of developing cancer. Keeping this in mind, World Cancer Day is observed on 04-02-2025. 36 volunteers have visited classes to bring awareness among the students to understand what cancer is, its causes, and how to prevent and treat it.
41. Awareness on Digital Literacy is organized for 115 students on 07-02-2025. Digital literacy and awareness are crucial in today's world, encompassing the ability to use digital technologies effectively and responsibly, as well as understanding the potential risks and opportunities they present. It's not just about technical skills, but also about navigating the digital world safely and ethically.
42. Garden Cleaning camp is conducted on 11-02-2025 by 68 volunteers as part of Clean Campus initiative.
43. 28 students have participated in the elocution on the topic, "To deny people their human rights is to challenge their very humanity." conducted on 13-02-2025.
44. As per the guidelines of Siddhartha Academy of General and Technical Education, Vijayawada, CPR (Cardiopulmonary Resuscitation) Training is arranged for 24 staff members and 24 students on 14-02-2025. Dr.A. Ramesh, Casualty Medical Officer, Andhra Hospitals, Bhavanipuram, has addressed the participants and provided hands on training for them.
45. Trekking and camping fosters teamwork, shared experiences, and personal growth, while also offering numerous physical and mental health benefits. These activities encourage social interaction, build camaraderie, and provide opportunities for learning new skills

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- and developing self-confidence. NSS Unit of our institute has organized a Trekking Camp at Kondaveedu forest for 100 volunteers on 16-02-2025 with the assistance of Rotary Club, Vijayawada. The camp has started at 4 am and concluded by 4pm and is supervised by 1 faculty member as well as 6 experienced mountaineers.
46. Elocution is conducted for 47 interested students on the eve of International Mother Language Day on 21-02-2025.
 47. Minister for Labour, Vasamsetti Subash has said that government is taking all steps to implement safety norms, prevent accidents and provide safety for workers in factories and other units. Mr. Subash, along with Labour Commissioner M.V. Seshagiri Babu, District Collector G.Lakshminsha, Director of Factories D. Chandrashekar Varma, Vijayawada Municipal Commissioner H.M. Dhyanachandra and other officers participated in the run organized by Factories department on 'Industrial Safety' on the eve of 54th National Safety Week Celebrations in Vijayawada on 11-03-2025. 74 volunteers have participated in the event.
 48. ATL State Level Meet on 19-03-2025. Felicitation of 155 ATL Student Mentors from 31 Engineering colleges as well as ToR exchange is successfully conducted on 19-03-2025. A total of 21 Principals, 28 Faculty Coordinators and 125 student mentors across the state have attended the event. Sri. M. R. Prasanna Kumar, ASPD- Samagra Shiksha has consented as Chief Guest, Mr. Zelalem B. Taffesse, Chief of UNICEF-HFO has graced as Guest of Honour, Sri. Prateek Deshmukh, Program Manager, AIM-NITI Aayog, Govt of India; Prof. M.L.S.Deva Kumar, Secretary & CEO, BCDE-AP; Dr. K. Sivaji Babu, Principal, PVPSIT; Sri. Sheshagiri Madhusudhan, Education Specialist-UNICEF; Ms. Shikha Rana, Education Officer-UNICEF; Sri.Kishore Gaikwad, Manager of Vigyan Ashram; T. Sudershan, UNICEF Consultant are the special guests for the event. UNICEF and Samagra Shiksha have consented to and sponsored both the events. In this regard, UNICEF has sanctioned an amount of Rs.1,69,000/- (one lakh sixty nine thousand only) Samagra Shiksha, AP has sanctioned Rs.78,000/- (seventy eight thousand only) towards expenditure of both the programmes.
 49. A Dental Camp by Impressions Dental Clinic, Vijayawada is organized for staff and students on 20-03-2025. 128 people have utilized the opportunity.
 50. PPT Competition on Sustainable Technologies is organized on 26-03-2025 for students. A total of 14 batches-68 students have participated in the event with creative and thought provoking topics.
 51. 'Viksit Bharat' means 'Developed India.' Viksit Bharat 2047 is the government's vision to drive the mission of making India a completely developed nation by its 100th anniversary of independence in 2047. The vision is based on four pillars: Yuva (Youth), Garib (Poor), Mahilayen (Women), and Annadata (Farmers). Keeping this in mind, elocution on Viksit Bharat-2047 is conducted for 58 students on 27-03-2025.
 52. NSS Farewell is organized for 3rd Year NSS Volunteers on 29-03-2025. They have rendered valuable services during 2023-24 and 2024-25 in organizing numerous social service activities. All 120 volunteers have attended the event.
 53. Donating groceries to orphanages is crucial because it directly addresses a basic need for children who may lack access to sufficient food and nutrition, improving their health and development. In this regard, grocery for 2 months is donated at Sharon Orphanage, Mangalagiri, on 14-04-2025, 8 volunteers have coordinated the event and interacted with the inmates.
 54. A visit to an old age home is an opportunity to connect with and uplift the elderly, offering companionship, entertainment, and a chance to learn from their life experiences. These visits can provide valuable social interaction and emotional support for residents, while also offering a sense of purpose and gratitude for the individuals making the visits.

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- On 16-04-2025, 8 volunteers have visited Mary Samuel Old age home and donated 2 month grocery to the home.
55. Group presentations are conducted for First year students on great leaders of India under the initiative, Viksit Bharat 2047, on 19-04-2025. 84 students have participated in the event and presented the biographies of Netaji, Patel, Bhagat Singh, etc.
 56. ATL Boot Camp was attended by 5 volunteers during 28-30 April 2025 at Penamaluru High School. They have introduced new technologies that are available in the ATL lab to the students of Penamaluru High School.
 57. P.Naveen Kumar of III CSE has attended Geethopadesam, a Volunteer Training event on 11-05-2025 at Aditya University, Surampalli, Kakinada District.
 58. 14 volunteers have registered for Viksit Bharat Vibrant Village Program on 12-05-2025. If selected, it will provide them an opportunity to visit border areas of Ladakh, Himachal Pradesh & Uttarakhand, to be conducted during 15-30 May 2025.
 59. The Digital India programme is crucial for transforming India into a digitally empowered society and knowledge economy, offering numerous benefits across various sectors. By improving access to digital infrastructure and services, the program enhances government efficiency, promotes economic growth, and fosters digital literacy. In this regard, essay writing competition is conducted on "Digital India: Power to Empower" for 54 students on 16-05-2025.
 60. 10km Marathon is organized by LV Prasad Eye Institute on BRTS Road, Vijayawada on 01-06-2025. 15 NSS Volunteers have rendered services and coordinated the event.

Name and Signature of the NSS Coordinator: Dr. M. Shyam Sundar



NSS Programme Officer
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 007.

Name and Signature of the External Auditor:

1. Prof. A. Sarath Babu



2. Prof. A. Venu Gopal



Name and Signature of the IQAC Coordinator

(Prof. B. Raghu Kumar)

Name and Signature of the Principal



(Prof. K. Sivaji Babu)

PRINCIPAL
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-7

PRASAD V.POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
DEPARTMENT OF PHYSICAL EDUCATION
External Academic & Administrative Audit Report- 2024-25

OUT STANDING SPORTS PERFORMANCE

Sl no.	Name of the Student	Year/ Branch	Prize Won	Name of the Event	Organized by	Date of Event
1	J.Pallavi	II/IV IT	3 rd place	long jump (Women)	JNTUK, Kakinada Central zone Inter- Collegiate tournament held at Aditya College Of Engineering & Technology, Surampalem.	10.11.2024 to 11.11.2024
2	a)K.Varun b)K.Sankar Narayana c)D.Nithin d)K.Varasi Raghu Ram e)M.Jagadeesh f)K.J.E.Phami Bhushan	II/IV CSE II/IV CSE IV/IV IT I/IV CSE II/IV CSD I/IV CSE	3 rd place	Chess (men)	JNTUK, Kakinada Central zone Inter- Collegiate tournament held at P S C M R College Of Engineering & Technology, Vijayawada .	12.11.2024 to 13.11.2024
3	a)B.Neeharika b) L.Sweettha Sree c)K.M.S.L.Sindurad)K.J ahnayi e)P.Dimpule Hasini	IV/IV CSE III/IV CSE II/IV CSE I/IV ECE I/IV CSE	1 st place	Chess (women)	JNTUK, Kakinada Central zone Inter- Collegiate tournament held at P S C M R College Of Engineering & Technology, Vijayawada .	12-11-2024 to 13.11.2024
4	L.Dileesh	II/IV IT	3 rd place	Tennis (men)	JNTUK, Kakinada Central zone Inter- Collegiate tournament held at Eswar College Of Engineering, Narasaraopet	14.11.2024
5	Mr.P.Sri Gowthama Pranav Rahul	IV/IV CSE	1 st place	50 Mts. Back	JNTUK, Kakinada Central zone Inter-	28.11.2024

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				stroke.	Collegiate Swimming (men) tournament held at PVP Siddhartha Institute of Technology, Kanuru.	
6.	Mr.P.Sri Gowthama Pranav Rahul	IV/IV CSE	2 nd place	50 Mts. Butter fly.	JNTUK, Kakinada Central zone Inter-Collegiate Swimming (m) tournament held at PVP Siddhartha Institute of Technology, Kanuru.	28.11.2024
7.	Mr.P.Sri Gowthama Pranav Rahul	IV/IV CSE	1 st place	200 Mts. Free style.	JNTUK, Kakinada Central zone Inter-Collegiate Swimming (m) tournament held at PVP Siddhartha Institute of Technology, Kanuru.	28.11.2024
8.	Mr.P.Sri Gowthama Pranav Rahul	IV/IV CSE	1 st place	100 Mts. Free style.	JNTUK, Kakinada Central zone Inter-Collegiate Swimming (m) tournament held at PVP Siddhartha Institute of Technology, Kanuru.	28.11.2024
9.	Mr.P.Sri Gowthama Pranav Rahul	IV/IV CSE	1 st place	50 Mts. Free style.	JNTUK, Kakinada Central zone Inter-Collegiate Swimming (m) tournament held at PVP Siddhartha	28.11.2024

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					Institute of Technology, Kanuru.	
10.	K. L. V. M. Durga Prasad	I/IV EEE	1 st place	Archery (men)	JNTUK, Kakinada Central zone Inter-Collegiate tournament held at PVP Siddhartha Institute Of Technology, Kanuru, Vijayawada.	30.11.2024
11.	N.Devi Sri G.Sainaga sameera B.Shakeena N.Chaitrika N.Triveni	III/IV CSE I/IV IT IV /IV EEE III/IV CSE III/IV CSE	3 rd place	Table Tennis (women)	JNTUK, Kakinada Central zone Inter-Collegiate tournament held at Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.	01-12-2024 to 02.12.2024
12.	B.Neeharika	IV/IV CSE	participated	Chess (Women)	South India Inter University Tournament.	06-12-2024 to 08.12.2024
13.	L.Sweettha Sree	III/IV CSE	participated	Chess (Women)	South India Inter University Tournament.	06-12-2024 to 08.12.2024
14.	K.M.S.L. Sindhura	II/IV CSE	participated	Chess (Women)	South India Inter University Tournament.	06-12-2024 to 08.12.2024
15.	Rohith Yadav M.Baji Babu G.Rupak Sai L.Chaitanya Varma CH.Vamsi Krishna G.Harsha Vardhan K.Dhanaraju P.Surya P.Dev	III/IV MECH IV/IV ECE IV/IV CSE III/IV CSE IV/IV CSE III/IV CSD I/IV MECH II/IV MECH III/IV IT	3 rd place	Volley ball (men)	JNTUK, Kakinada Central zone Inter-Collegiate tournament held at Narasaraopeta Engineering College, Narasaraopeta.	08-12-2024 to 09.12.2024

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	M.Manikanta P.Anand Kumar B.Rajkumar	II/IV CIVIL III/IV CSE II/IV MECH				
16.	P.E.R.Sreehas K.Eswar N.Harish Kumar B.Y.G.Manikanta SK.Farhan Sohail V.Pavan Kumar K.V.S. Kiran B.Sai Kumar N.Prabhu Prakash K.Chandra Sekhar S.Yesu Babu T.Krupa Sagar K.Sai Varun Teja R.Sarath T. Narayana Rao CH.Satish Raju	I/IV CIVIL IV/IV CIVIL I/IV CSE I/IV IT IV/IV EEE IV/IV EEE II/IV CIVIL II/IV CIVIL IV/IV MECH III/IV CSM I/IV EEE IV/IV MECH III/IV MECH II/IV CIVIL I/IV ECE III/IV MECH	1 st place	Cricket (men)	JNTUK, Kakinada Central zone Inter- Collegiate tournament held at V R Siddhartha Engineering College, Kanuru, Vijayawada.	16-12-2024 to 30.12.2024
17.	CH.Vamsi Krishna	IV/IV CSE	participa ted	Volley ball (men)	South India Inter University tournament held at University of Kerala, Kerala.	18.12.2024 to 22.12.2024
18.	Mr.P.Sri Gowthama Pranav Rahul	IV/IV CSE	participa ted	Swimmin g (men)	South West zone Inter University swimming tournament held at SRM University, Chennai.	21.12.2024 to 23.12.2024

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19.	B.Shakeena(C) CH.N. M. Lakshmi K.Santhi Priya N.Dhana Lakshmi J.Pallavi P.Rohitha Varsha P.Bhagya Lakshmi	IV/IV EEE III/IV EEE III/IV IT II/IV EEE II/IV IT I/IV ECE III/IV IT	2 nd place	Volley ball (women)	VIVA VVIT Fest, held at Vasireddy Venkatadri Institute of Technology, Nambur, Guntur,	21-12-2024 to 22.12.2024
20.	K. L. V. M. Durga Prasad	II/IV EEE	participated	Archery (men)	All India Inter University tournament held at KIIT University, Bhubaneswar.	24-12-2024 to 27.12.2024
21.	G.Vasundhara	II/IV CSE	participated	Yoga (Women)	South India Inter University Tournament held at KIIT University, Bhubaneswar.	24-12-2024 to 27.12.2024
22.	Miss. B.Eswari	I/IV ECE	Not to be attended (Due to the Semester exams).	Yoga (women)	South India Inter University Tournament.	---
23.	Mr. T.D. Jagadeesh	I/IV ECE	Not to be attended (Due to the Semester exams).	Yoga (women)	South India Inter University Tournament.	-----
24.	P.Hemanth	II/IV IT	participated	Netball (men)	All India Inter University tournament.	03.01.2025 to 05.01.2025
25.	N.Dhana Lakshmi	II/IV EEE	participated	Netball (Women)	All India Inter University tournament	07.01.2025 to 09.01.2025
26.	K.Eswar	IV/IV CIVIL	participated	Cricket (men)	South India Inter University Tournament.	16.01.2025 to

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						21.01.2025
27.	N.Prabhu Prakash	IV/IV MECH	participa ted	Cricket (men)	South India Inter University Tournament	16.01.2025 to 21.01.2025
28.	SK.Abdul Fiaz	III/IV EEE	Gold Medal in 70 kgs	Best Physique (men)	JNTUK, Kakinada Central zone Inter- Collegiate tournament held at St.Ann's College of Engineering & Technology, Chirala.	17.02.2025

The Physical Education Department has conducted Jntuk, University Swimming (men & women) (16 players participated) & Archery Men & Women University team Competitions (06 players participated), Annual games & sports Competitions for Teaching & Non- Teaching staff (33 staff participated), Annual games & sports competitions for all B.Tech students (men & women). This year (206) students participated in these competitions.

ORGANIZATION OF TOURNAMENTS

Sl no.	Name of the game	Name of the tournament	Date of Event
1.	Swimming	JNTUK, Kakinada Central zone Inter- Collegiate Swimming (men & women) tournament organized by PVP Siddhartha Institute of Technology, Kanuru held at DSA Swimming pool, Edupugallu.	28-11-2024.
2.	Archery	JNTUK, Kakinada Central zone Inter- Collegiate Archery (men & women) tournament organized by PVP Siddhartha Institute Of Technology, Kanuru, Vijayawada held at Volga Archery Academy, Mahanadu road, Vijayawada.	30.11.2024

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Number of JNTUK Inter-Collegiate tournaments organized : 02

Intramural Competitions

Sl.no	Name of the event	Name of the tournament	Name of the Venue	Date of the tournament	No. of students participated
1.	Table Tennis (men)	Annual games & sports	PVPSIT, Kanuru	07-02-2025	15
2.	Chess (men)	Annual games & sports	PVPSIT, Kanuru	10-02-2025	06
3.	Chess(women)	Annual games & sports	PVPSIT, Kanuru	11-02-2025	04
4.	Shuttle badminton-singles(m)	Annual games & sports	PVPSIT, Kanuru	12-02-2025	09
5.	Shuttle badminton-Doubles(m)	Annual games & sports	PVPSIT, Kanuru	14-02-2025	28
6.	Volleyball (M)	Annual games & sports	PVPSIT, Kanuru	24-02-2025	90
7.	Kabaddi(M)	Annual games & sports	PVPSIT, Kanuru	25-02-2025	54
				Total	206

Number of tournaments organized by PVPSIT: 07 Events

Teaching & Non - Teaching Staff Intramural Competitions

Sl.no	Name of the event	Name of the tournament	Name of the Venue	Date of the tournament	No. of students participated
1.	Chess (men)	Annual games & sports	PVPSIT, Kanuru	20-04-2025	05
2.	Shuttle badminton-singles(m)	Annual games & sports	PVPSIT, Kanuru	22-04-2025	06
3.	Shuttle badminton-Doubles(m)	Annual games & sports	PVPSIT, Kanuru	23-04-2025	06
4.	Volleyball (M)	Annual games & sports	PVPSIT, Kanuru	24-04-2025	16
				Total	33

Number of tournaments organized by PVPSIT: 04 Events

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PRASAD V.POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU
DEPARTMENT OF PHYSICAL EDUCATION
OUT STANDING SPORTS PERFORMANCE - 2024-25

JNTUK UNIVERSITY REPRESENTATION (SOUTH ZONE & ALL INDIA)

Sl.no.	Name of the Student	Roll.no	Name of the game	State/National / International level	Date of Event	Name of the award if any
1.	B.NEEHARIKA -IV/IV CSE	21501A0513	Chess (Women)	South India Inter University Tournament.	06-12-2024 to 08.12.2024	participated
2.	L.SWETHA SREE -III/IV CSE	22501A0597	Chess (Women)	South India Inter University Tournament.	06-12-2024 to 08.12.2024	participated

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3.	K.M.S.LAKSHMI SINDHURA - II/IV CSE	23501A0565	Chess (Women)	South India Inter University Tournament.	06-12-2024 to 08.12.2024	participated
4.	Mr.CH.VAMSI KRISHNA. - IV/IV CSE	21501A0528	Volley ball (men)	South India Inter University tournament held at University of Kerala, Kerala.	18.12.2024 to 22.12.2024	participated
5.	Mr.P.Sri Gowthama Pranav Rahul - IV/IV CSE	21501A05D8	Swimming (men)	South West zone Inter University swimming tournament held at SRM University, Chennai.	21.12.2024 to 23.12.2024	participated
6.	K.L.V.M, DURGA PRASAD- II/IV EEE	23501A0230	Archery (men)	All India Inter University tournament held at KIIT University, Bhubaneswar.	24-12-2024 to 27.12.2024	participated
7.	G.VASUNDHARA - II/IV CSE	23501A0514	Yoga (Women)	South India Inter University Tournament held at KIIT University, Bhubaneswar.	24-12-2024 to 27.12.2024	participated
8.	P.HEMANTH(C) - II/IV IT	23501A1296	Netball (men)	All India Inter University tournament.	03.01.2025 to 05.01.2025	participated
9.	N.DHANA LAKSHMI - II/IV EEE	23501A0318	Netball (Women)	All India Inter University tournament	07.01.2025 to 09.01.2025	participated
10.	K.ESWAR - IV/IV CIVIL	22505A0105	Cricket (men)	South India Inter University	16.01.2025 to	participated

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				Tournament.M adras University.	21.01.2025	
II.	N.PRABHU PRAKASH - IV/IV MECH	21501A0355	Cricket (men)	South India Inter University Tournament, Madras University.	16.01.2025 to 21.01.2025	participated


 Name and Signature of the PHYSICAL DIRECTOR
 PRASAD V. POTLURI
 SIDDHARTHA INSTITUTE OF TECHNOLOGY
 KANUSALI, VIJAYAWADA - 7

(Mr.M.Sambasiva Rao)

Name and Signature of the IQAC Coordinator


 (Prof. B. Raghu Kumar)
 PVP Siddhartha Institute of Technology
 Vijayawada

Name and Signature of the External Auditors:

1. Prof. A. Sarath Babu


 12/12/25

2. Prof. A. Venu Gopal


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Name and Signature of the Principal


 (Dr. K. Sivaji Babu)
 PRINCIPAL
 PRASAD V. POTLURI
 SIDDHARTHA INSTITUTE OF TECHNOLOGY
 KANUSALI, VIJAYAWADA - 7

**Prasad V. Potluri Siddhartha Institute of
Technology
(Autonomous)
Kanuru, Vijayawada – 520 007**

(Permanently Affiliated to JNTUK, KAKINADA, Accredited by NBA, Accredited with
A+ grade by NAAC, ISO 9001:2015 Certified Institute)

INTERNAL QUALITY ASSURANCE CELL (IQAC)



EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT

CENTRAL LIBRARY

2024 – 25

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT INSTITUTE 2024-25

(5) INFRASTRUCTURE AND INTERNET CONNECTIVITY

SNO	ITEM	COMMENTS
5.2	Usage of digital library and computing facilities	520

(6) CENTRAL LIBRARY FACILITY

SNO	ITEM	COMMENTS
6.1	<p>Services: (Please rate the following services in the library)</p> <ul style="list-style-type: none"> • Circulation services - Available • Clipping Services - Available • Bibliographic compilation - NA • Information display services - Available • Reference/referral services - Available • Photocopy and printing services- Available • User Orientation / Information Literacy- Available • Resource sharing- Available • Internet/digital resources- Available • Suggestion Box - Available 	
6.2	<p>Usage:</p> <p>Average number of visitors to the library per day - 500</p> <p>books issued / returned per day - 70</p> <p>visitors to the digital library per day - 50</p>	

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**PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU – VIJAYAWADA
CENTRAL LIBRARY**

5.2 Usage of Digital Library and Computing Facilities

The Digital Library and Computing facilities are extensively utilized by students and staff for academic, research and Competitive examination preparation. The Digital Library provides access to a wide range of online resources, including e-journals, e-books, databases, NPTEL video Lectures and digital course materials. Students regularly use these facilities for accessing study materials, preparing assignments, project work and upgrading their knowledge through on line courses NPTEL and MOOCs. Faculty members also use the digital library to support teaching, learning processes and research guidance.

Overall, this digital library has become an integral academic support system, significantly contributing to the institutions teaching and research environment.

For the effective use of self – learning resources PVPSIT Central Library established an exclusive Digital Library.

Total Number of Systems	:	23 with Multimedia and
Internet Facility		
Library Software	:	LIBSYS10 LMS
Internet Bandwidth & Connectivity	:	1000 Mbps (1:1) leased line
(Nettlinx) 40Mbps bundled bandwidth (BSNL)		
Availability of digital library content	:	Yes
Availability of an exclusive server	:	Yes
Availability of exclusive Reading room	:	Yes
Availability of Discussion room	:	Yes
Remote Off Campus Access facility	:	Yes

Media Resource Centre : Reprographic and Printer/Scanner/Copier
Facility available in the Central Library.

Central Library has Wi-Fi facility.

Institutional membership : DELNET, INFLIBNET-NLIST, IEL,
NDLI & e-Shodhsindhu

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Remote Access facility (On-Campus/Off-Campus Access) is provided by KNIMBUS. It provides all E-Resources through a single platform, rather than just being a list links to separate publisher platforms. Students and Faculty can access this facility from anytime, anywhere and any device and Mobile Access.
URL: <https://pvpsit.knimbus.com>

E-Resources	No of Journals / eBooks
IEEE (ASPP)	236 Journals
Elsevier Engineering and (Computer Science)	275 Journals
ASME	35 Journals
ASCE	36 Journals
IEI - Springer	Series A,B,C,D,E
KNIMBUS (Open Access)	E-Journals- 4951 e-Books-7188
PEARSON	63 e-Books
PACKT	7712 e-Books
N-LIST - Database	E-Journals-6293 e-Books-192107
DELNET – Database	E-Journals-1698 e-Books-10676
NDLI - Database	E-Journals , e-Books ,Video courses
NPTEL	Video courses -511 ,Video Lectures-12650 Web courses - 418, Web Lectures-4500

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**PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU – VIJAYAWADA
CENTRAL LIBRARY**

5.2 Usage of Digital Library and Computing Facilities for the Year 2024 – 2025.

Digital Library Foot Falls

Academic Year	Total No. of Foot Falls per Year	Total No. of Working Days	Average Foot Falls per Day
2024-25	14385	283	50

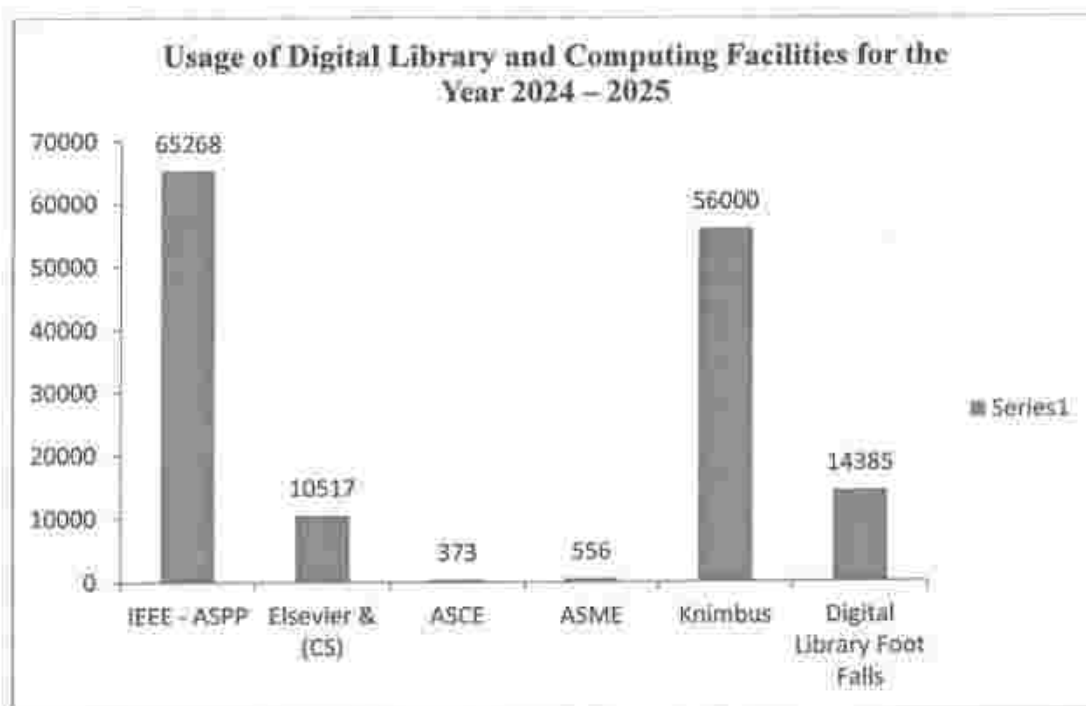
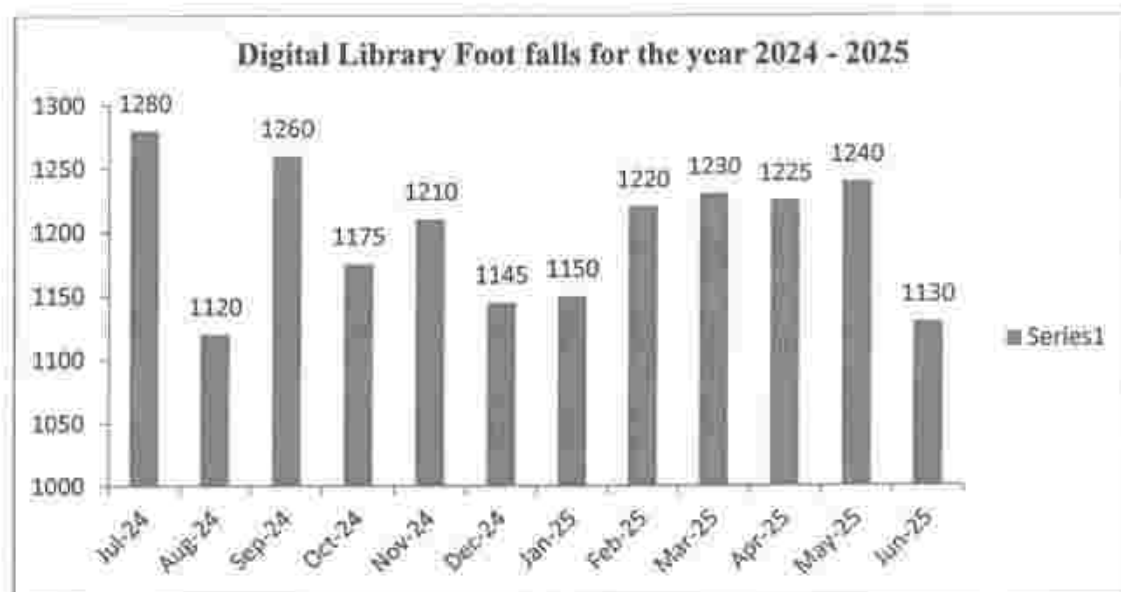
Computing Facilities

Academic Year	Digital Library & E-Resources	Total No. of Online access per Year	Total No. of Working Days	Average Online Access per Day
2024-25	IEEE - ASPP	65268	283	
	Elsevier & (CS)	10517	283	
	ASCE	373	283	
	ASME	556	283	
	Knimbus	56000	283	
	Digital Library Foot Falls	14385	283	
Total		147099		520

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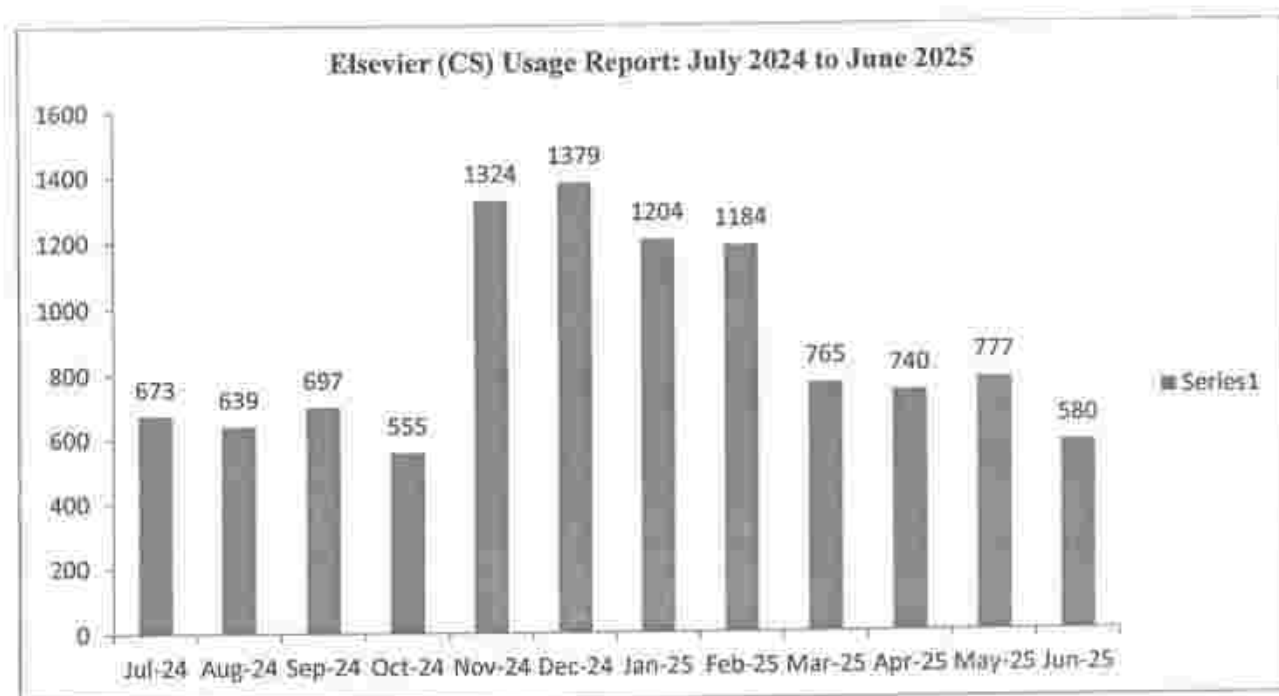
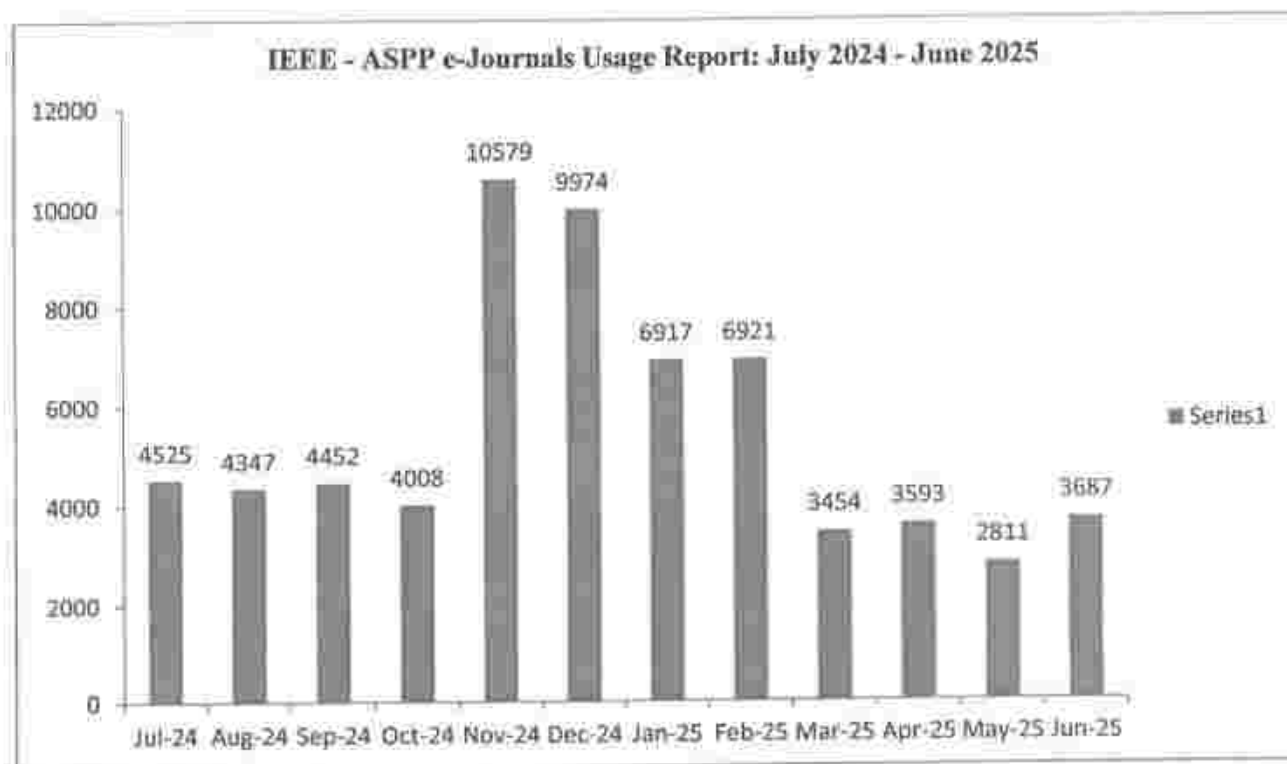
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KANURU – VIJAYAWADA
CENTRAL LIBRARY



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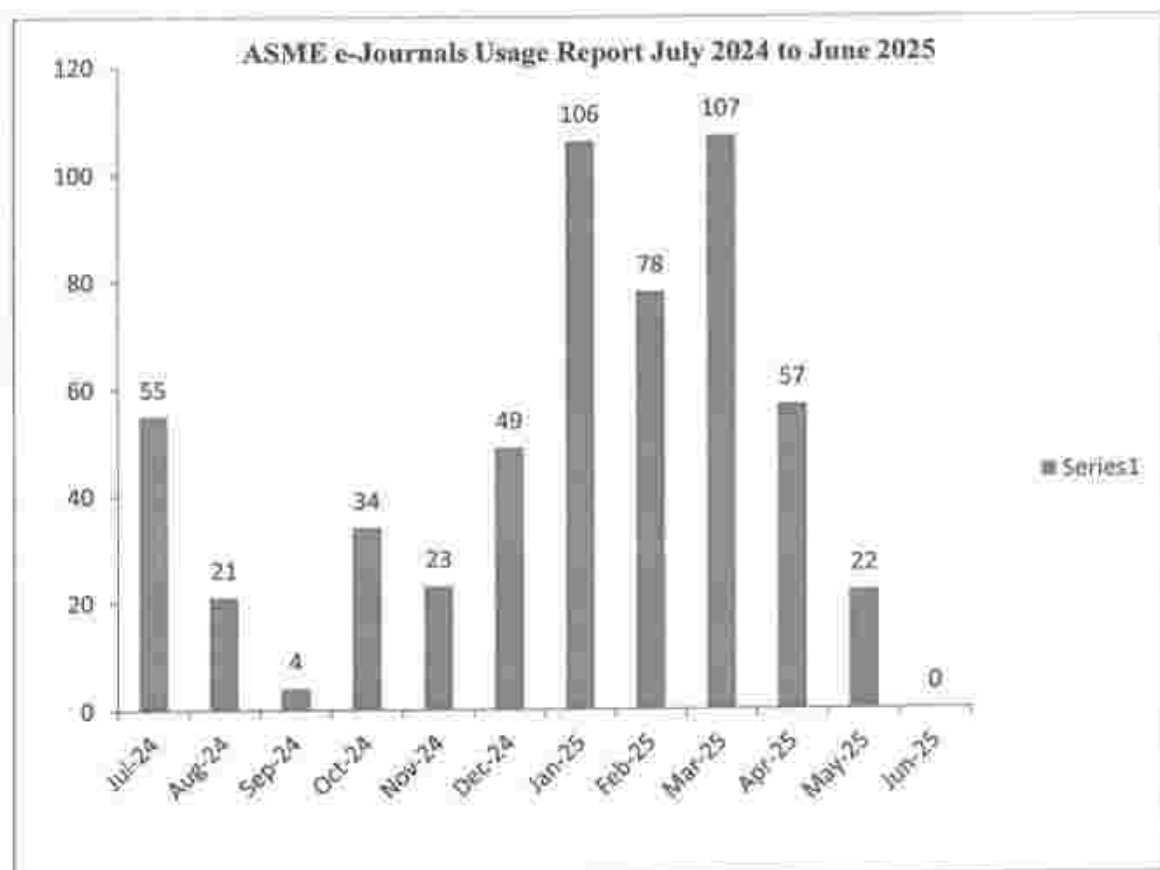
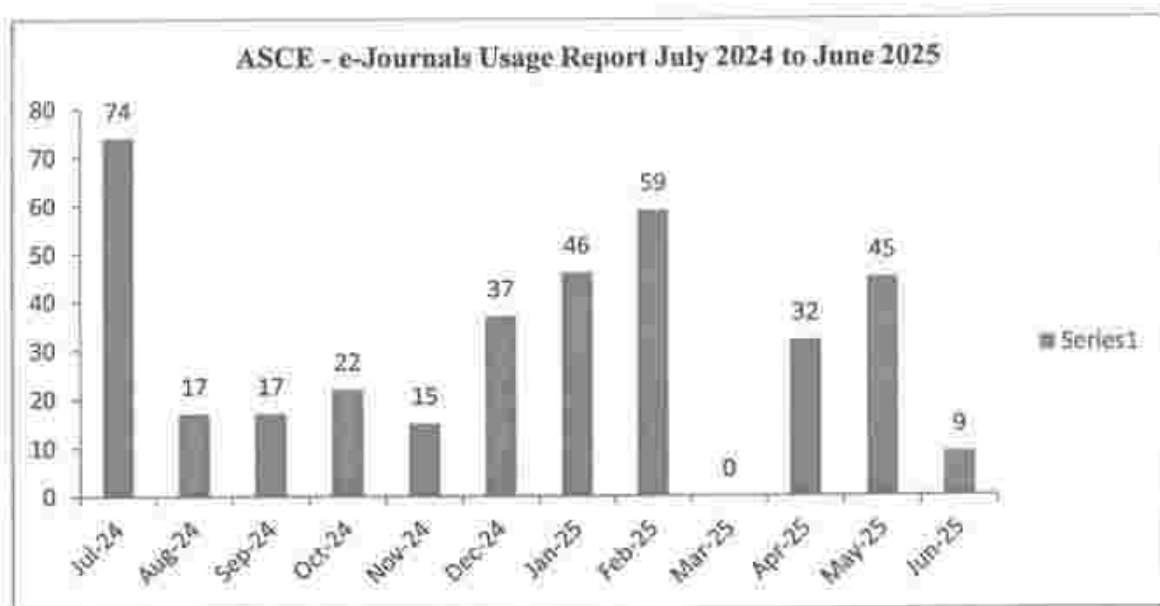
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KANURU – VIJAYAWADA
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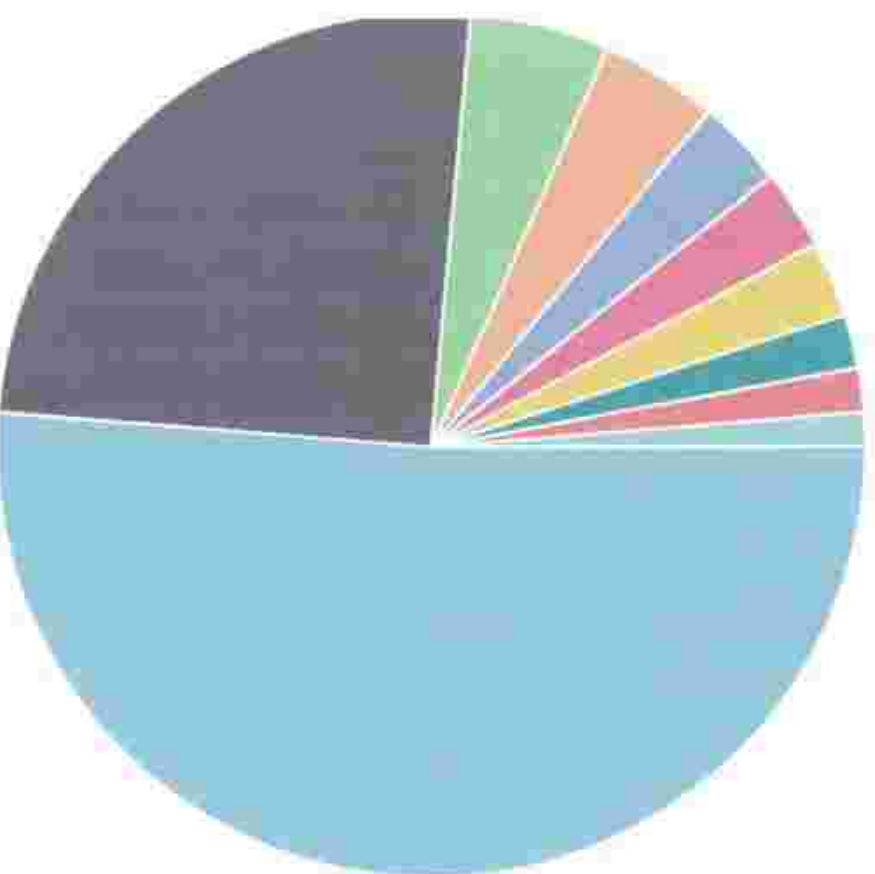


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Top Publishers Report

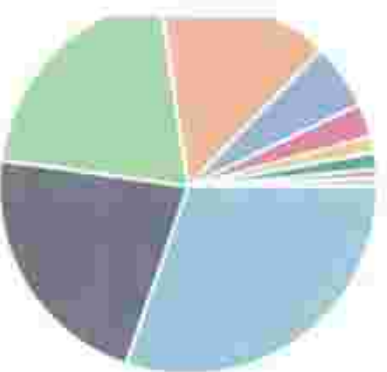
Time Period: 2025-11-07 to 2025-12-06, Generated: 2025-12-06



IEEE (51.2%)
Science Direct (25.2%)
pvpssiddhartha.ac.in (5.2%)
Knimbus Open ebooks (4.4%)
Packt (3.3%)
pvpssit.pvpssiddhartha.ac.in (3.0%)
Knimbus Open Journals (2.8%)
American Society of Civil Engineers (ASCE) (2.0%)
Springer (1.6%)
others (1.3%)

Top Sections Report

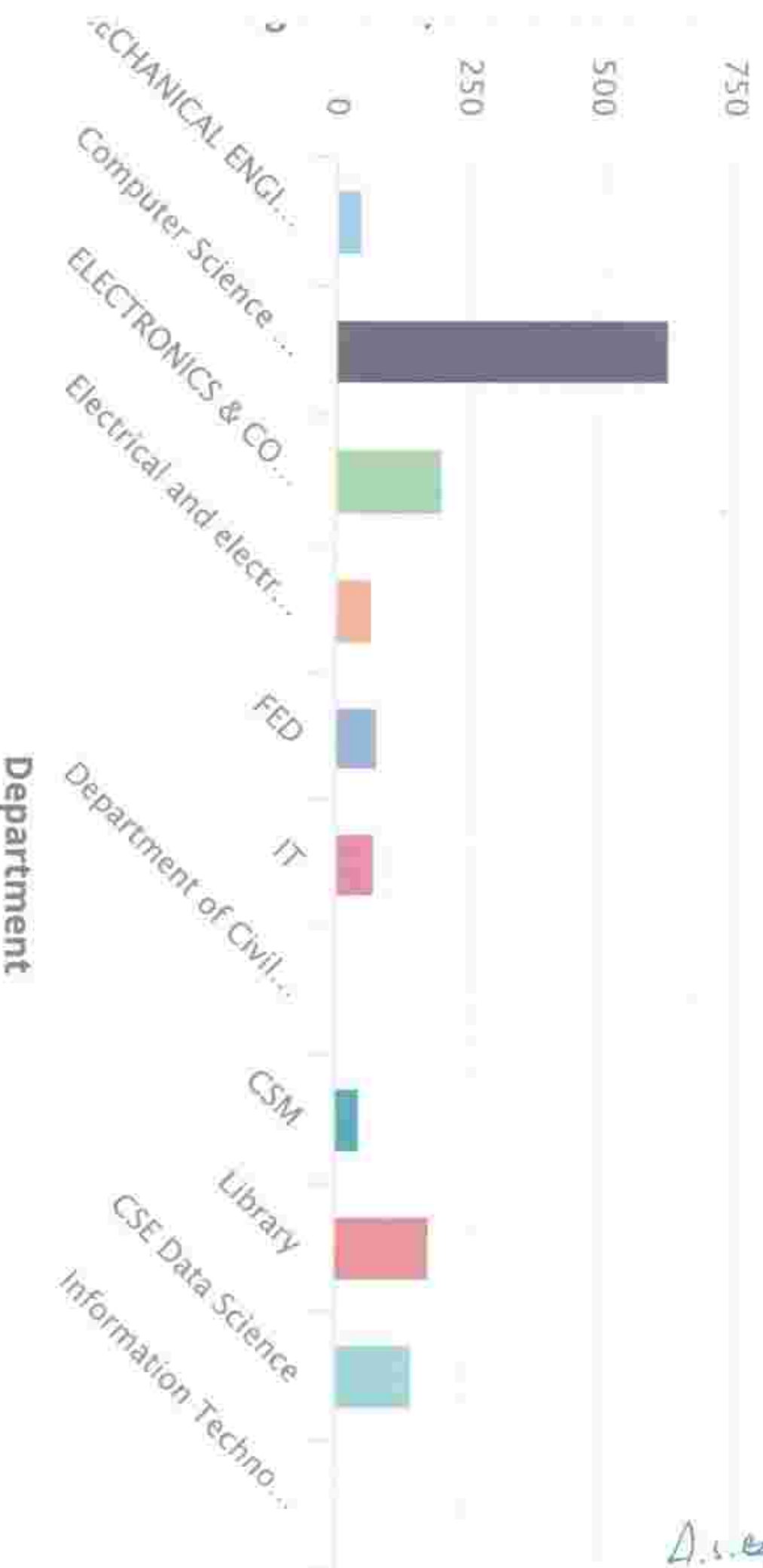
Time Period: 2025-11-07 to 2025-12-06, Generated: 2025-12-06



- Institute of Electrical and Electronics Engineers (30.3%)
- Question Paper (21.8%)
- Science Direct (20.4%)
- Moodle (Modular Object Oriented Dynamic Learning Environment) (14.8%)
- <https://learning.packt.com/explore> (5.6%)
- NEWS PAPERS (2.8%)
- CSE GATE (1.4%)
- GATE (1.4%)
- SYLLABUS (0.7%)
- others (0.7%)

Page Views, Searches & Downloads Report

Time Period: 2025-11-07 to 2025-12-06, Generated: 2025-12-06



ASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

Department

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**PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU – VIJAYAWADA
CENTRAL LIBRARY**

Started in the year 1998, the Central Library is one of the most important facilities of Prasad V Potluri Siddhartha Institute of Technology as it caters to the information and research needs of faculty and students.

6.1. Circulation Services:

The Central Library has adopted Open Access System. All the books are arranged and classified as per Dewey decimal classification 21st Edition, which is helpful to the users to locate their desired book. The Library has excellent circulation services. All the Text books and books published by renowned authors are issued to all the students & staff members. It has enough plinth area to maintain circulation section. All the staff & students select the books from the stock area and place them on circulation counter. The counter assistant puts the due date stamp and signs on the due date slip. All books are issued to the readers on the basis of a bar code system, which supports Libsys 10 Version. This software is useful to the readers to find out their desired book and locate the book on the racks. After usage, the users return the books at the circulation section. The counter assistant scans the bar code and cancels the book against users' library account number.



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Clipping Services:

Since its inception, the central library has been maintaining clipping services i.e. news and information published in the Dailies relating to our institution and management, SAGTE, are photocopied and are placed in a separate file which is known as clipping file. The users may get ready information from the clipping file about the events of the institute. (A separate clipping file is maintained in the library).



Bibliographic Compilation:

Not available in our Library (Bibliographic services are available in specialised libraries / Research Institutions only).

Information Display Services:

The Central Library maintains new arrival display rack, which displays new books for the users to check new arrivals in their subject field. Library has the information display boards to display notices, pamphlets, posters for the benefit of staff & students. Library data i.e. No. of Volumes & Titles, Seating capacity, subscription of Print & e – Resources are displayed in board. One separate display board is arranged to display library rules & list of staff members are also displayed in display board and another one for Library timings.

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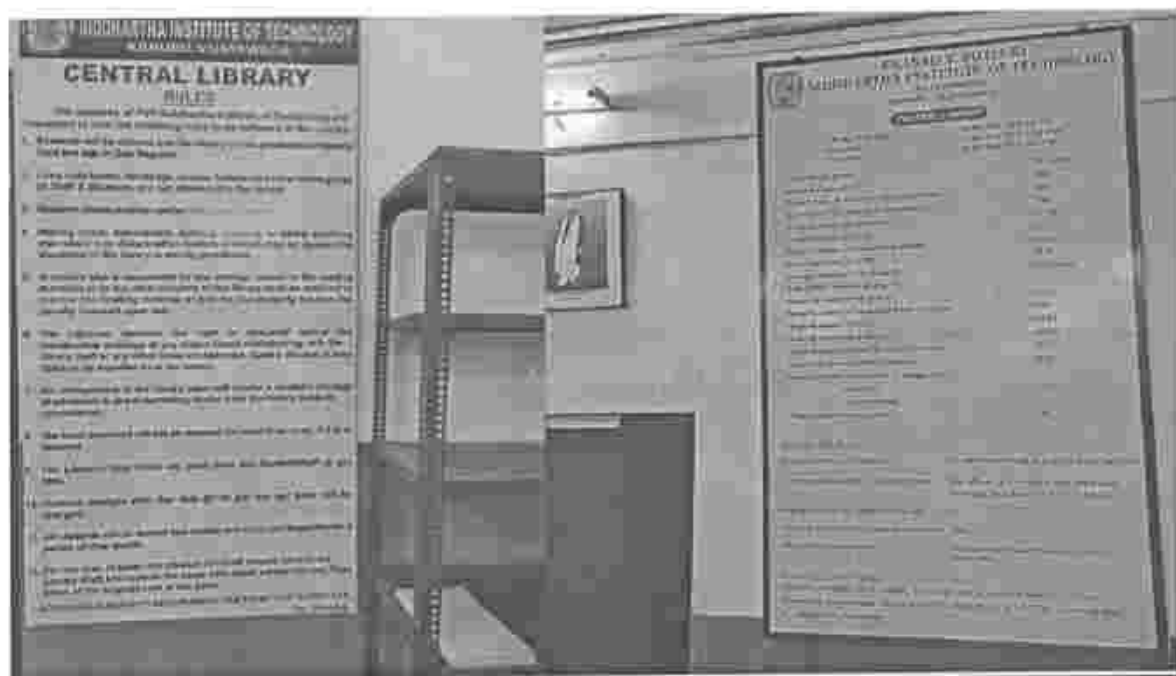
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<u>TIMINGS</u>	
Monday to Saturday	: 8.00 AM to 8.00 PM
Second Saturday & Sundays	: 9.00 AM to 1.00 PM

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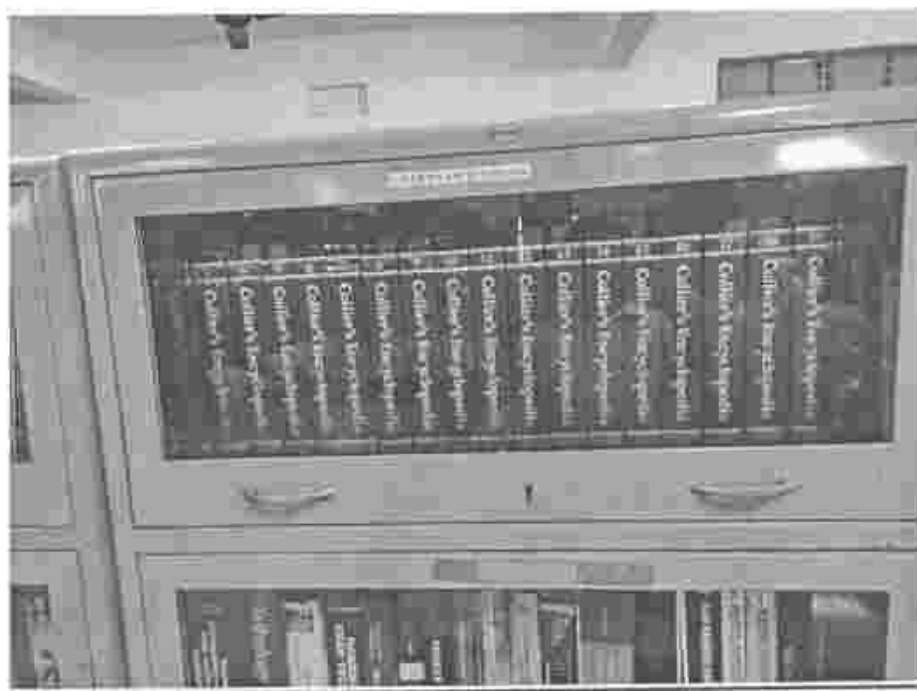
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Reference / Referral Services:

In Central library, a separate reference section is maintained with more than 2589 books available for reference (to use inside the library only) such as Biographies, Dictionaries, Encyclopaedias, and Yearbooks, Rare books etc.



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Photocopying & Printing Service (Media Resource Center) :

Photocopying service (Xerox) facility is available in central library and printing service is available in digital library and scanning facility is available at circulation counter.



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XPO
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A.S. Gafey
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User Orientation Programme:

After 1st year B.Tech admission process, library staff visits all class rooms, directly interact with the students to bring awareness on how to use the library resources available in the Central library.

1. Book Issues & returns
2. Rules and regulations of the Central Library
3. Informing all the students regarding e-resources and usage of Digital Library.

In this orientation programme, library staff explains how the books are arranged on book racks, Text books, Reference Books, Rare Books and also inform all the 1st B.Tech students on how to access On-line & Print Journals.



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Resource Sharing :

Resource sharing means sharing the things between two or more libraries i.e. books, journals, magazines etc. In this resource sharing through DELNET Books, journals are exchange between different libraries. Obtaining resources from other libraries is a continuous process. The Library is an Institutional member of DELNET. It provides web access to 1,21,08,793 records of Books, Periodicals, Thesis, Dissertations. It is connected with 2196 libraries.



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Internet / Digital Resources:

Library has Internet & Wi-Fi facility are available.

DIGITAL LIBRARY:

Total Number of Systems	: 23 with Multimedia and Internet Facility
Internet Bandwidth & Connectivity	: 1000 Mbps (1:1) leased line (Nettlinx) 40Mbps bundled bandwidth (BSNL)

On Line e – Resources:

IEEE (ASPP), ASCE, ASME, ELSEVIER Engineering and Computer Science, DELNET, INFLIBNET – NLIST and Knimbus e – Journals and e – Books are available.

- Institute is a Life Member to The Institute of Engineers, Kolkata.
- Institute's Library is a member of DELNET, INFLIBNET – NLIST, IEL, NDLI (National Digital Library of India) & e-Shodhsindhu.
- Access to the e – resources / NPTEL / SONET video lectures are available in Digital Library.

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A. S. B. Singh
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Sl. No.	Name of e-Journals & No. of Titles	URL Name / Password
1	IEEE (236)	https://ieeexplore.ieee.org/Xplore/home.jsp
2	Elsevier Engineering and Computer Science (275)	https://www.sciencedirect.com/
3	ASCE (36)	https://ascelibrary.org/
4	ASME (35)	http://asmedigitalcollection.asme.org/
5	DELNET	https://discovery.delnet.in/
6	INFLIBNET- N-LIST	https://nlist.inflibnet.ac.in/
7	e – Books : Pearson : 63 Books Packet : e-books-6000+ Collections & 200+ Video's	https://elibrary.in.pearson.com/ User Name : library@pvpsiddhartha.ac.in Password : Library@123 https://learning.packt.com/home User name : librarypvpsit Password : Library@123
8	OPAC : On –Line Public Access Catalogue	170.50.0.201:8380/OPAC/
9	NAS (E-Resources)	\\172.50.31.254



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A. S. Srinivasan
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Complaint / Suggestion Box:

The Central library welcomes comments and suggestions from the users on how to improve its services in using library resources. The users can drop their suggestions in the Suggestion Box, which is opened regularly by the staff. The collected data is considered in providing better services and to engage more effectively with the users.



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6.2. Daily Issues & Returns Approximately : 70

Users Visit Per Day Approximately : 500

Users Visit Per Day in Digital Library Approximately : 50

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KANURU – VIJAYAWADA
CENTRAL LIBRARY

Students / Staff Foot falls for the Year 2024 – 2025.

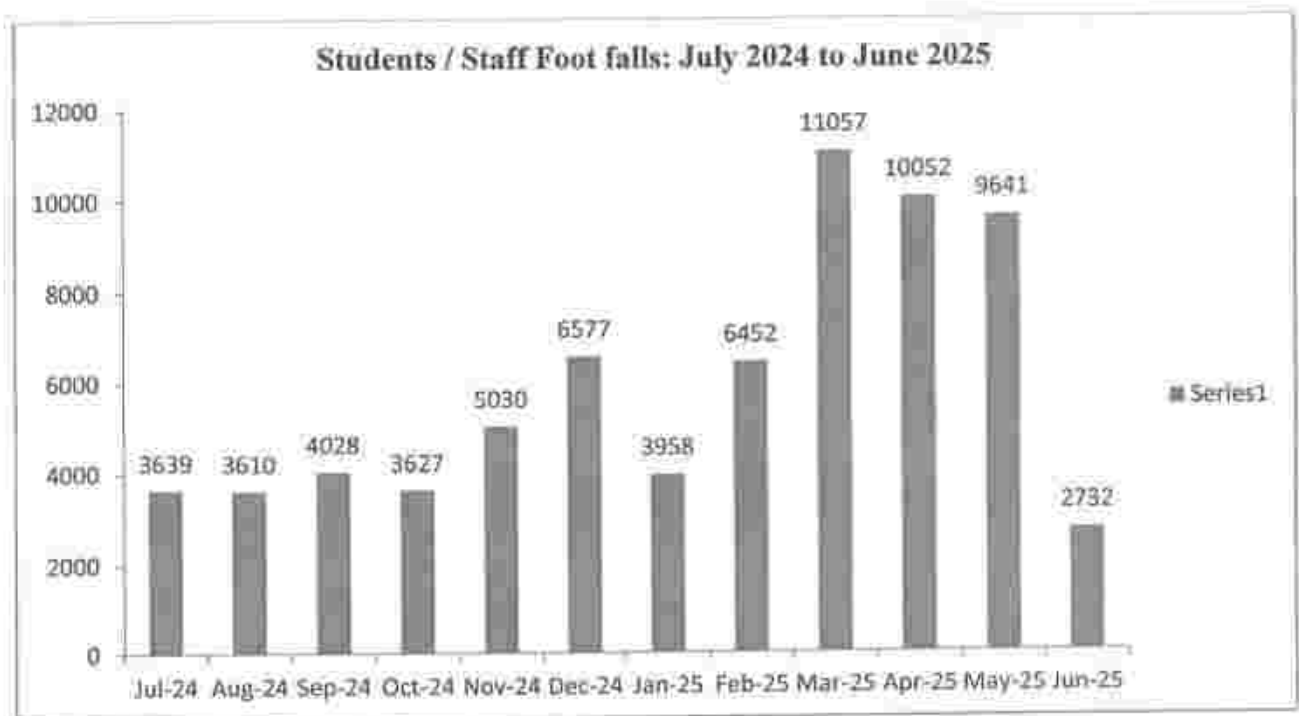
(From 01/07/2024 to 30/06/2025)

Academic Year	Month	Total No. of Foot Prints per Month
2024 - 2025	July	3639
	August	3610
	September	4028
	October	3627
	November	5030
	December	6577
	January	3958
	February	6452
	March	11057
	April	10052
	May	9641
	June	2732

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KANURU – VIJAYAWADA
CENTRAL LIBRARY



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PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU – VIJAYAWADA
CENTRAL LIBRARY

Students / Staff Issues & Returns Turnout per Month for the Year 2024 – 2025

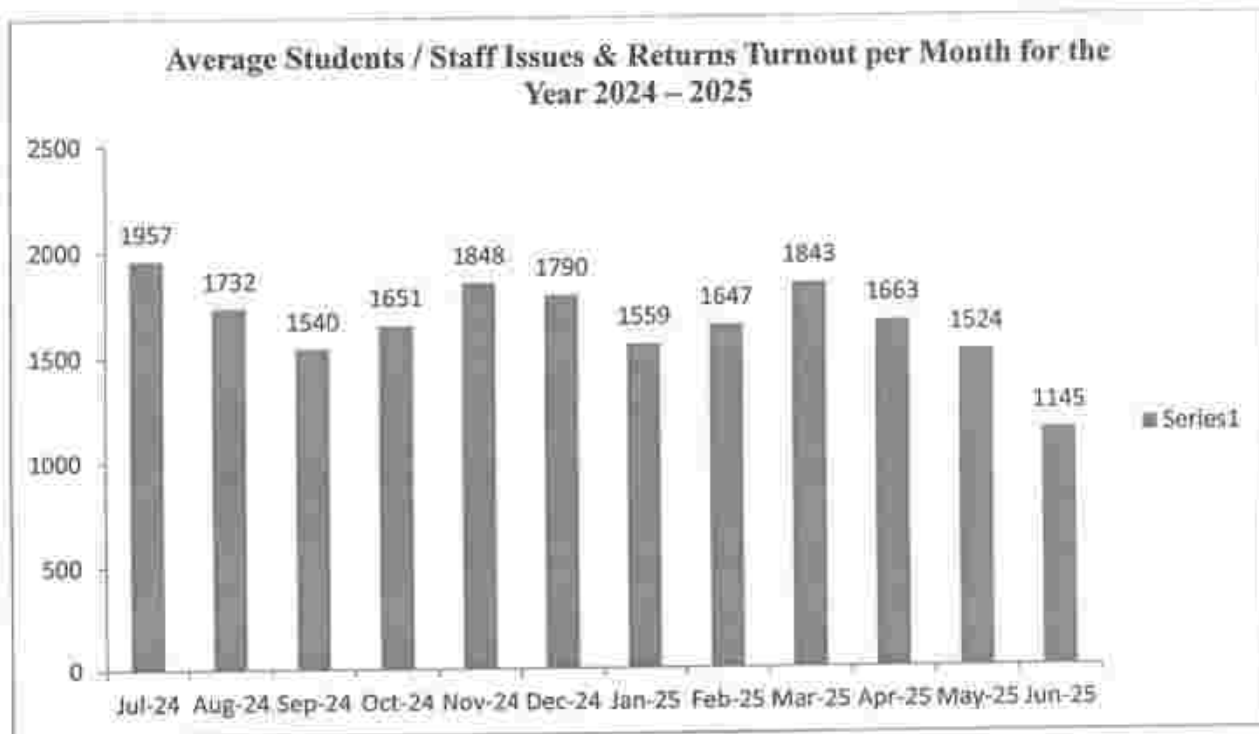
(From 01/07/2024 to 30/06/2025)

Academic Year	Month	Total No. of Issues & Returns
2024 - 2025	July	1957
	August	1732
	September	1540
	October	1651
	November	1848
	December	1790
	January	1559
	February	1647
	March	1843
	April	1663
	May	1524
	June	1145

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KANURU – VIJAYAWADA
CENTRAL LIBRARY



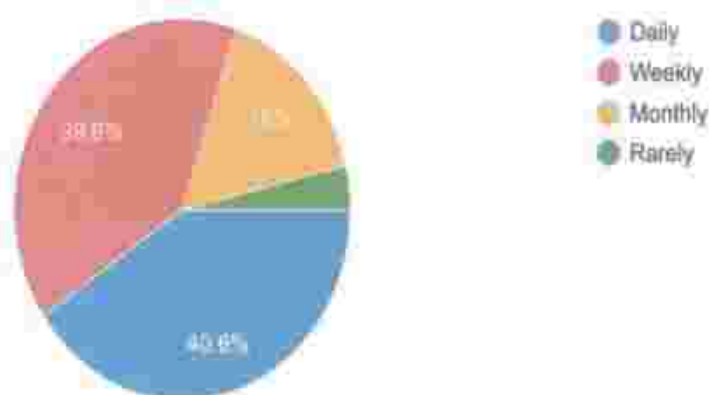
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A.S. Bhatnagar
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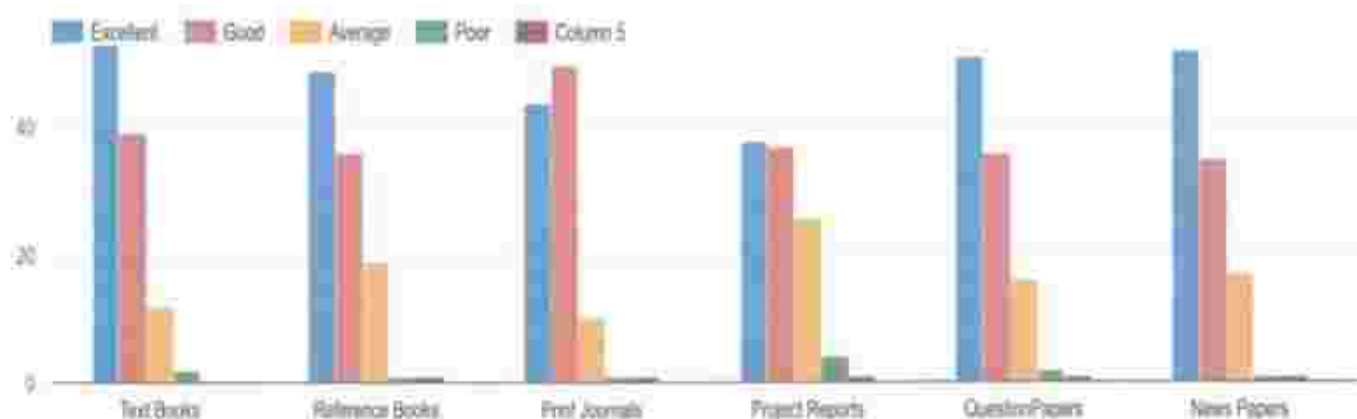
Library Feedback

How often do you visit the library

106 responses



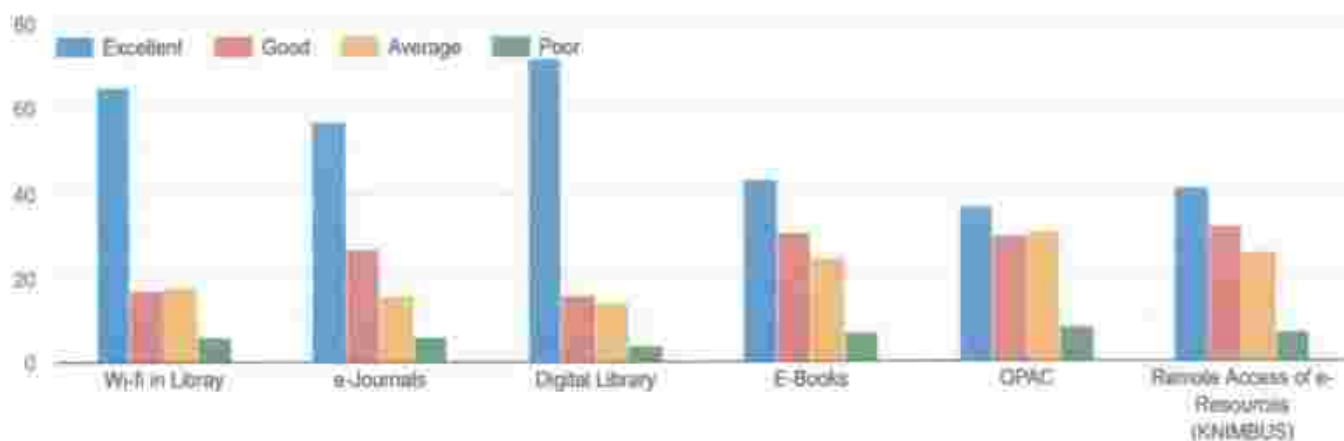
Rating on library collection



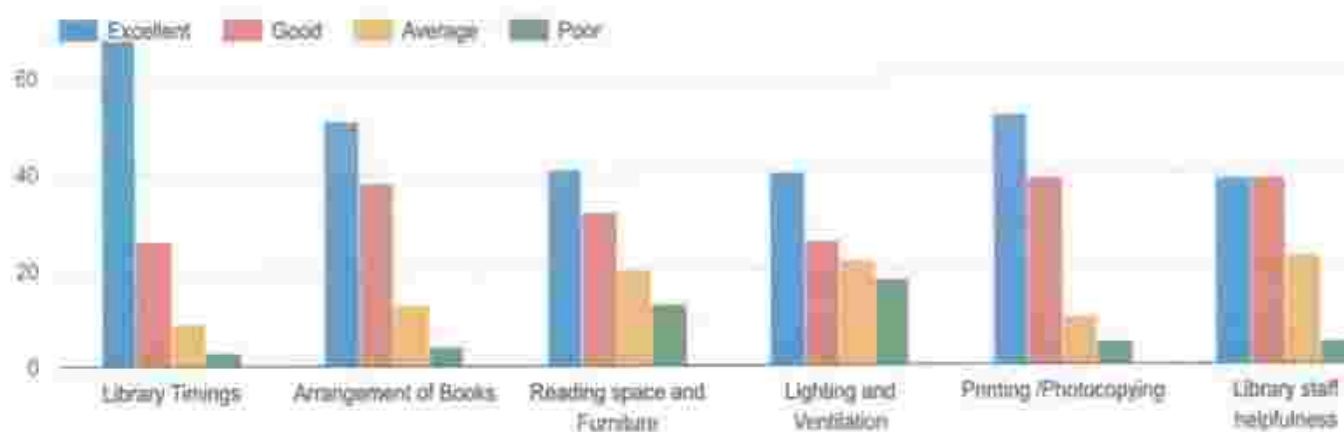
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Rating on e-Resources



Rating on library facilities

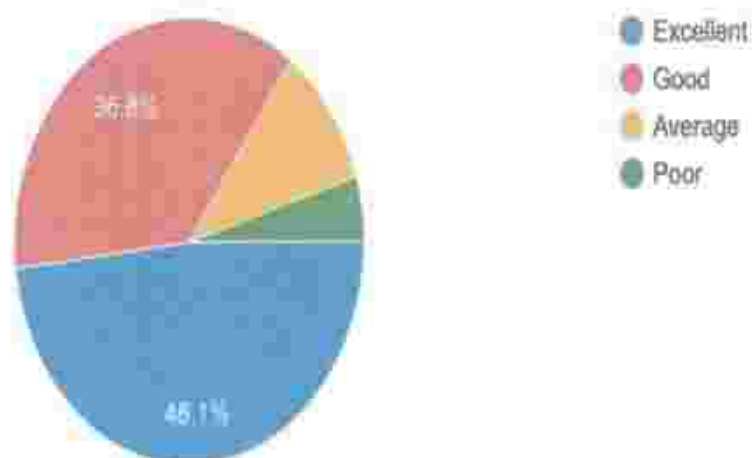


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Your rating on library services & facilities

106 responses



APC
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PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

CENTRAL LIBRARY

Library Progress Report (2024–2025)

1. Infrastructure Development

- New and comfortable library chairs were added.
- A separate Discussion Room was created for group study.
- New racks were installed in the Book Bank section.
- New UPVC windows have been installed across the entire library to improve ventilation, lighting, and overall ambience.
- New Xerox and printing machines were provided.

2. Technology Improvements

- A cloud-based online gate register was introduced for check-in/check-out.
- CCTV cameras were installed.
- High-speed Wi-Fi is available.
- Remote access to e-resources was provided.

3. Collection Improvement

- New textbooks, reference books, and competitive exam books added.
- Journals, magazines, and newspapers subscribed.
- e-books, e-journals, and databases added.
- Old books removed after stock verification.

4. Digital & Online Resources

- Participation in NDLI Club.
- Access to IEEE, ASME, ASCE, ELSEVIER, PACKT, NPTEL, DELNET, e-Shodh Sindhu, N-LIST, Knimbus and NDLI.
- Digital archive created for question papers and notes.

5. Support Services

- About 500 students use the library daily.
- Improved book issue/return services.
- Book reservation, renewal, and night issue available.
- Help provided for downloading e-resources.
- Orientation programs conducted.

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6. Library Events

- NDLI programs, webinars, and reading activities conducted.
- Book exhibitions and orientation sessions held.
- Online User feedback collected regularly.

7. Extra Services

- Low-cost Xerox and printing.
- Charging points for Laptops.
- Book Bank facility.
- Extended timings (8 AM to 8 PM), open on Sundays/Holidays.
- Improved property counters and display boards.
- Mobile access for e-resources.
- OPAC available on/off campus.
- Timely procurement of the right books for the right readers was ensured through Amazon.

Future Requirements

1. Add 20 more computers in Digital Library
2. Upgrade LIBSYS to cloud version.
3. Expansion of Library
4. Implementing RFID System for all Books & Visitors.
5. Subscribe to more e-resources.

K. Ramesh
LIBRARIAN
P.V.P. Siddhartha Institute of
Technology,
KANLURU, VIJAYAWADA-520 007.

S.P.O.
12/12/24

A.S. Baskin
12/14/25

SUGGESTIONS FOR IMPROVEMENTS:

Name and Signature of the IQAC Coordinator



PVP Siddhartha Institute of Technology
Vijayawada

Name and Signature of the External Auditor:

1.

A. S. Balaiah (A. S. ARATH BABU)

2.

—  (ANAND GOPAL)

3.

Name and Signature of the Principal


PRINCIPAL
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-7.