



Prasad V Potluri Siddhartha Institute of Technology
(Autonomous, Accredited with NAAC A⁺ Grade)
An ISO 9001:2015 Certified Institute, Permanently Affiliated to JNTUK, KAKINADA
(Kanuru, Vijayawada-520007)

Internal Academic Audit Report
2020-21

1. Name of Department : **Civil Engineering**
2. No. of full time permanent faculty : **12**
3. No. of PG / UG courses : **0/1**
4. Curriculum Revisions Information : **UG**
New courses: **11**
Modified courses (min20-25%change) : **33.25**
5. Research : **Ph.D Theses submitted: 0 awarded: 0**
Faculty guiding/ guided Ph.Ds : **7/1**
Publications in Jrs : **SCI/SCIE: Scopus: 1 Total:1**
Publications in Conferences :
6. Sponsored projects : **Amount: 2.05lakhs**
Ongoing: **1 Completed:0**
7. Consultancy Amount earned : **Rs 5,67,685/-**
8. Start-ups& Entrepreneurship : **No**
9. Incubation centers
Established : **0**
Status of incubation : **0**
10. Patents : **Filled: 0 Published: 0 Granted:0**
11. Innovations:
Awards from outside platforms (reputed Institutions only): NIL
12. Books/ Book chapters
(with ISBN/ISSN only are considered) : **1**
13. e-Content developed:
Lectures added to Web-resources : **All Faculty:**
14. Placements: **No: 18 Percentage: 28.57%**
Median salary:2.44 Lakhs Highest salary:4.50Lakhs
15. Higher Education : **GATE. 1 GRE No 0. Others (specify): NIL**
16. Student feedback on Curriculum, infrastructure and facilities: **Yes**

17. Strengths:

1. Feedback Mechanism is good.
2. Faculty Retention is good.
3. Consultancy is improved.

18. Weaknesses

1. External R & D sponsored projects can be improved.
2. Quality publications need to be improved.

19. Suggestions for improvement

1. MOU activities have to improved.
2. Entrepreneurship, Start ups and Incubation activities to be improved.
3. Pass percentage in 2nd year have to improved.
4. Placements need to be improved in core domain.

20. Document addressing previous academic year weaknesses and suggestions for improvement .Enclosed :Yes

The following improved points were mentioned while addressing previous academic year audit report weaknesses and suggestions:

- Two capability and skill enhancement programs were conducted for awareness of trends in technology.

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
Land Survey Using Total Station	04 th to 08 th January 2021	47	Ladder Survey Institute of Technology, Chennai
Primavera	3 rd to 7 th May 2021	30	Canter Cadd, Vijayawada

- High package placement had been improved from Rs.2,40,000/- per year to Rs.4,50,740/- per year
- Consultancy improved from Rs.1,13,383/- to Rs.5,67,685/-
- Faculty were encouraged to attend in 194 events of FDP's, conferences, webinars, training programs etc. AICTE sponsored STTP's were organized.
- Faculty research publications were improved.
- Development programmes for supporting staff were improved.
- PRERANA scheme for GATE coaching was conducted.

K. V. Subrah
Dept. IQAC in-charge
M. A. S.
IQAC Coordinator
28/9/21

Academic Auditor

- 1) *HP*
- 2) *J. Rajeswar*
- 3) P. A *L. K.*

K. Raveendra
Head of the Dept
Professor & Head
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Internal Academic Audit Report
2020-2021

1. Name of Department : **Electrical and Electronics Engineering**
2. No. of full-time permanent faculty : 27
3. No. of PG / UG courses : 01/01
4. Curriculum Revisions Information: UG&PG New courses 17
Modified courses - 20%
5. Research : Ph.D. Theses submitted: 1 Awarded: 2
Faculty guiding/ guided Ph.Ds. : 13
Publications in Jrs : SCI/SCIE 07 Scopus 25 Total 32
Publications in Conferences : 0
6. Sponsored projects: Amount: Applied Rs 1,80,91,804
Ongoing Rs 2.25 Lakhs, completed- Nil
7. Consultancy Amount earned : Nil
8. Start-ups& Entrepreneurship: No...Nil Awards from outside platforms: Nil
9. Incubation centers: established Nil Status of incubation: Nil
10. Patents: Filled: Published: 10 Granted: 1
11. Innovations: NIL
Awards from outside platforms (reputed Institutions only):
12. Books/ Book chapters (with ISBN/ISSN only are considered):5
13. e-Content developed: Lectures added to Web-resources: All Faculty
14. Placements: No: 85, Percentage: $85/135=62.96\%$ Median salary: 3.5L/A Highest salary: 4.50L/A
15. Higher Education: GATE No. 03, GRE No 04, IELTS =2, TOEFL =2,
State government examinations =2, Others: 4
16. Student feedback on Curriculum, infrastructure and facilities: Yes or No
17. **Strengths:**
 - Good number of publications
 - Faculty retention is good
 - Outreach activities in collaboration with ISTE is good
 - Faculty cadre ratio is good

18. Weaknesses:

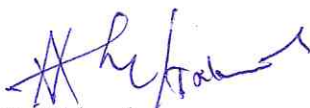
- High package placements can be improved
- External R&D sponsored research projects may be improved
- Consultancy can be improved

19. Suggestions for improvement:


- MOUs & Industry linkages have to be improved
- Incubation & Entrepreneurship activities have to be improved
- Industry oriented student projects have to be improved



20. Document addressing previous academic year weaknesses and suggestions for improvement. Enclosed: **Yes**

- Students performance is slightly increased after conduction of Remedial classes
- MOU's with industries are increased and also applied research projects in collaboration with industries.
- Students were continuously encouraged to pursue the higher studies and are motivated to appear for GATE, GRE and other competitive exams. A total of 17 students were qualified in distinct competitive exams and 7 students progressed for their higher studies.
- GATE classes were conducted to the students through AICTE-PRERANA scheme


Dept. IQAC in-charge


Academic Auditor


Head of the Dept

1. P. A. 
2. 
- 3.


IQAC Coordinator




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Internal Academic Audit Report

2020-2021

1. **Name of Department: Mechanical Engineering**
2. **No. of full time permanent faculty: 31**
3. **No. of PG / UG courses: 01 B.Tech. (ME) / 01 M.Tech. (Machine Design)**
4. **Curriculum Revisions Information: UG & PG: UG: 2020-21, PG: 2017-18**
New courses: 29 Modified courses (min20-25%change): 32.9%
5. **Research: Ph.D Theses submitted: 0 awarded: 02**
Faculty guiding/ guided Ph.Ds: 06/04
Publications in Jrs: SCI/SCIE: 03 Scopus: 03 Total: 06
Publications in Conferences: 25
6. **Sponsored projects: Applied & ongoing: 11, 56,863 Lakhs**
7. **Consultancy Amount earned: completed 0.2Lakhs**
8. **Start-ups & Entrepreneurship: NIL Awards from outside platforms: NIL**
9. **Incubation centers: established: NIL Status of incubation: NIL**
10. **Patents: Filed: 10 Published: 05 Granted: 10**
11. **Innovations: NIL Awards from outside platforms (reputed Institutions only): NIL**
12. **Books/ Book chapters (with ISBN/ISSN only are considered): 0**
13. **e-Content developed: Lectures added to Web-resources: All Faculty**
14. **Placements: No: 87/104 Percentage: 60.41**
Median salary: 2.50LPA,
Highest Salary: 4.50LPA
15. **Higher Education: GATE No: 06 GRE No. 03 Others (specify): 01**
16. **Student feedback on Curriculum, infrastructure and facilities: Yes**
17. **Strengths:**
 1. Faculty retention and experience are good.
 2. Student activities and training activities are good.
 3. Model and research based projects are good.

4. Feedback mechanism and follow up action is good.
5. Patent activities are increased.
6. Faculty are guiding good no. of PhD's.
7. It is observed that one sponsored research project from AICTE is sanctioned.

18. Weaknesses:

1. Quality Publications need to be improved.
2. High Package Placements may be improved.

19. Suggestions for improvement:

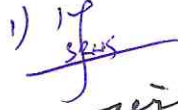

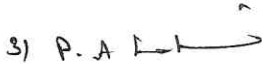
1. Pass Percentage need to be improved.
2. Entrepreneurships, start-up & Incubation activities may be improved.

20. Document addressing previous academic year weaknesses and suggestions for improvement
.Enclosed: Yes

E. Kavitha

Dept. IQAC in-charge

Academic Auditor

- 1) 
- 2) 
- 3) P. A. L. 


Head of the Dept


IQAC Coordinator
28/12/21

Supporting document for Point No. 20

1. In this academic year, An AICTE RPS Project worth of Rs. 11,56,863/- was sanctioned and an amount of Rs. 20,000/- was generated through consultancy.
2. The Pass Percentage of the students who have completed graduation within the stipulated period of time has been increased from 65% to 78%.
3. We are encouraging our faculty to publish good number of quality publications through research groups in the department.
4. Higher Studies number are improved i.e Competitive exams qualified are 30 and got admission are 13.
5. As a part of Industry institute interaction, one subject was dealt by an Industry expert
6. To enhance number of placements, the department has given skill oriented training to all the students.



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Internal Academic Audit Report

2020-2021

1. Name of Department : ECE
2. No. of full time permanent faculty : 28
3. No. of PG / UG courses : 01/01
4. Curriculum Revisions Information
:UG&PG : New courses 17
: Modified Courses 21%
5. Research : PhD Thesis Submitted: 4 Awarded :3
Faculty guiding/ guided Ph.Ds : 3
Publications in Jrs : SCI/SCIE : 03 Scopus : 06 Total : 09
Publications in Conferences :
6. Sponsored projects : Ongoing, 1 Completed : Nil
7. Consultancy Amount earned : 0.245 Lakhs
8. Start-ups& Entrepreneurship No : Nil
9. Incubation centers established , : Nil
Status of incubation : Nil
10. Patents : Filed : Nil, Published : 20 , Granted : Nil
11. Innovations : Nil
- Awards from outside platforms : Nil
(reputed Institutions only):
12. Books/ Book chapters
(with ISBN/ISSN only are considered) : 3
13. e-Content developed :
- Lectures added to Web-resources : All Faculty
14. Placements : No 98 Percentage: 70.5%
Median salary 3.76 LPA, Highest salary 12 LPA
15. Higher Education : GATE No: 8 , GRE No: 3, Others
16. Student feedback on Curriculum, infrastructure and facilities: Yes

17. Strengths:

1. Faculty Student ratio and cadre ratio is good.
2. Student Activities and industry internships are good.
3. Teaching – Learning process and faculty retention is good.
4. Labs are upgraded with latest technologies.
5. Number of MOU s increased from 5 to 7

18. Weaknesses:

1. External R&D sponsored projects, consultancy work can be improved.
2. Quality publications need to be improved.
3. High package placements need to be improved.

19. Suggestions for improvement:

1. Entrepreneurship and incubation activities may be improved.
2. Quality publications need to be improved
20. Document addressing previous academic year weaknesses and suggestions for improvement .Enclosed: Yes




1. In Academic Year 2019-20, median pay package is Rs 3.19 lakhs , where as in AY 2020-21 median package increased to Rs 3.8 lakhs.
2. In the Academic Year 2019-20, revenue generated through consultancy is Nil. In academic year 2020 – 21 an amount of Rs. 24,500 generated through consultancy
3. There is a significant improvement in number of patents published from in AY 2020-21. No of patents published in AY 2019-20 are 6 and in AY 2020-21, no of patents published are 20



Dept. IQAC in-charge


IQAC Coordinator

3/9/21

Academic Auditor

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Head of the Dept

HEAD
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Prasad V. Potluri Siddhartha Institute of Technology
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Kanuru, Vijayawada – 520007)

Internal Academic Audit Report 2020 – 21

1. Name of Department	:	Computer Science and Engineering
2. No. of full time Permanent Faculty	:	36
3. No. of PG / UG courses	:	01 B.Tech. (CSE) / 01 M.Tech. (CSE)
4. Curriculum Revisions Information	:	UG & PG: UG :2020-21
New courses	:	12
Modified courses	:	22
5. Research		
Ph.D Theses submitted	:	02 Awarded: 01
Faculty guiding/ guided Ph.Ds	:	03/NIL
Publications in Journals	:	SCI/SCIE : 05 Scopus : 02 Total : 07
Publications in Conferences	:	08
6. Sponsored projects	:	Amount: NIL Applied : Rs. 1,18,64,976.00/- Ongoing : NIL Completed : NIL
7. Consultancy Amount earned	:	Rs. 1,40,000/-
8. Start-ups & Entrepreneurship	:	No.: NIL
Awards from outside platforms	:	NIL
9. Incubation centers: established	:	NIL
Status of incubation	:	NIL
10. Patents	:	Filed : 02 Published : 09 Granted : 01
11. Innovations	:	NIL
		Awards from outside platforms (reputed Institutions only) : NIL
12. Books/ Book chapters	:	
(with ISBN/ISSN only are considered)	:	02/05
13. e-Content developed		
Lectures added to Web-resources	:	NIL
14. Placements	:	No : 107 Percentage: 81.06 Median salary : 3.8 LPA Highest Salary : 7.00 LPA
15. Higher Education	:	GATE No: 03 GRE No. 15 Others (specify) CAT: 02, IELTS: 08

16. Student feedback on Curriculum, infrastructure and facilities: Yes

17. Strengths:

- Faculty retention and experience are good.
- Pass percentage is good.
- Teaching Learning Process is effective.
- Support for GATE/GRE coaching to the students through AICTE-PRERANA scheme is good.
- MOU's with Industries increased
- Students projects are Research based .
- Students are given training on latest Technologies
- Placements are fairly good

18. Weaknesses :

- Sponsored R&D has to be improved.
- Startups/Entrepreneurship/incubation activities have to be improved.

19. Suggestions for improvement

- Consultancy has to be improved.
- Quality publications has to be improved.
- High package Placements have to be increased.



20. Document addressing previous academic year weaknesses and suggestions for improvement .Enclosed :Yes/No. if 'yes' enclose an appropriate document. If "No" furnish proper explanation. Yes

- In A.Y: 2019-20, the number of high package (>5 Lakhs per annum) placements are 19. There is significant improvement in number of high package placements for the A.Y 2020-21, i.e. 42.
- In the A.Y. 2019-20, revenue generated through consultancy is Rs. 60,000 and for this academic year an amount of Rs. 1,40,000 generated through consultancy
- There is a significant improvement in number of patents published from 05 to 09 and also 1 patent granted. We are encouraging our faculty to publish good number of quality publications through research groups in the department.
- We are encouraging our faculty (all faculty having Ph.D.) to apply project for research grants from reputed agencies.
- To enhance number of placements including high package, the department has given skill oriented training to all the students.


D. Srinivasulu
Dept. IQAC in-charge
4/10/21


IQAC Coordinator

Academic Auditor

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3. P. A. Lakshmi


HEAD of Dept
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Internal Academic Audit Report

2020-2021

1. Name of Department	:Information Technology
2. No. of full time permanent faculty	:23
3. No. of PG / UG courses	:01
4. Curriculum Revisions Information UG&PG	:New courses1 :Modified courses 26.57
5. Research:	:Ph.D Theses submitted 0 awarded 1
Faculty guiding/ guided Ph.Ds	:0/0
Publications in Jrs	: SCI/SCIE 0 Scopus 12 Total 12
Publications in Conferences	:15(others)
6. Sponsored projects	: SAGTE Sanctioned Amount: Rs.35,000/- Applied to other funding agencies: 4 Ongoing projects from SAGTE: 2 Completed : 3 from SAGTE
7. Consultancy Amount earned	:0
8. Start-ups& Entrepreneurship	: No 0
9. Awards from outside platforms	:1
9. Incubation centers established	
Status of incubation	:NIL
10. Patents:	Filed - 0 Published: 11 Granted:-0
11. Innovations	:
Awards from outside platforms(reputed Institutions only) :	nil
12. Books/ Book chapters (with ISBN/ISSN only are considered)	:5/4
13. e-Content developed:	
Lectures added to Web-resources	:All Faculty
14. Placements	: No:93
Percentage	:82.3%
	Median Salary :3.8L Highest salary:7.61L
15. Higher Education	: GATE 2, GRE 6 TOEFL,IELTS, CAT:5

16. Student feedback on Curriculum, infrastructure and facilities: **Yes**

17. Strengths:

- Pass percentage is good.
- Teaching Learning Process is effective.
- File work in the Dept is good.

18. Weaknesses:

- Sponsored R&D has to be improved.
- Consultancy is poor.
- Startups/Entrepreneurship activity is poor.

19. Suggestions for improvement:

- Quality publications have to be improved.
- High package Placements have to be improved.
- Paid internships have to be improved.
- Activities under MOUs needs improvement
- Faculty Cadre ratio needs improvement.

20. Document addressing previous academic year weaknesses and suggestions for improvement .Enclosed: **Yes**

Weaknesses:




- Needs further improvement in high salary placements.
 - ➔ Two groups are formed for Service based and product based Training for placements.
 - ➔ Special sessions are allotted for competitive coding where in the students work on various platforms like hacker ranker, leet code, hacker earth, geek for geeks to enhance their coding skills.
 - ➔ Technical Training and mock interviews are conducted as part of pre placement drive.
 - ➔ Highest pay package of the department is 7.6 Lakhs per Annum.
 - ➔ Average pay package is increased from 3.51 lakhs to 4.01 Lakhs.
- Poor performance in GATE exam
 - ➔ Students are encouraged to attempt GATE exam.
 - ➔ One student got qualified in GATE2021
- External R and D projects have to be improved.
 - ➔ In 2020-21 more than 5 research projects applied to the external funding agencies.

Suggestions for improvement:


- Concentrate on coding skills
 - ➔ Special sessions are allotted for competitive coding where in the students work on various platforms like hacker ranker, hacker earth, letzinterview, leet code, hacker earth, geek for geeks to enhance their coding skills.
 - ➔ Expert sessions are conducted for Second and Third year students on C&DS, Java Programming to enhance the coding skills.
- Consultancy and Professional Society activities have to be improved.
 - ➔ Professional society activities in association with CSI, ISTE and INTAEL are conducted to encourage the students in extracurricular aspects.
 - ➔ More than 4 programs are conducted in association with professional societies.
- Student projects should be done in Thrust areas.
 - ➔ Thrust areas are identified and students are encouraged to do projects in those areas.
- **Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength**
 - ➔ Sufficient number of faculty with doctorates is available, awaiting for the promotion (Associate level). At present 7 Ph.Ds are available at Asst Professor Cadre.
- Research ambience , activity and innovation (quality & quantity)
 - ➔ 4 research groups are formed and research targets are being set and are publishing quality papers.
- Sponsored Research Projects and Consultancy
 - ➔ Applying for research grants every year.
 - ➔ One Project is sanctioned and it is in progress (SAGTE)


Dept. IQAC in-charge

Academic Auditor

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IQAC Coordinator
21/02/21


Head of the Dept

Information Technology Department
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KAKINADA
(Kanuru, Vijayawada-520007)

Internal Academic Audit Report
2020-2021

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|--|---|--|
| 1. Name of Department | : Business Administration | |
| 2. No. of full time permanent faculty | : 06 | |
| 3. No. of PG / UG courses | : 01 | |
| 4. Curriculum Revisions Information | : PG | |
| 5. Research | : Ph.D Theses submitted 0 Awarded: 0 | |
| Faculty guiding/ guided Ph.Ds | : 2/1 | |
| Publications in Jrs | : SCI/SCIE 0 Scopus 0 | |
| Publications in Conferences | : NIL | |
| 6. Sponsored projects | : Nil | |
| 7. Consultancy Amount earned : completed | : Nil | |
| 8. Start-ups& Entrepreneurship No | : Nil | |
| :Awards from outside platforms | : 02 | |
| 9. Incubation centres established | : Nil | |
| Status of incubation | : Nil | |
| 10. Patents | : Filled:0 Published : 0 Granted:0 | |
| 11. Innovations: | | |
| Awards from outside platforms | : Nil | |
| (Reputed Institutions only): | | |
| 12. Books/ Book chapters | | |
| (With ISBN/ISSN only are considered) | : 06 | |
| 13. e-Content developed: | | |
| Lectures added to Web-resources | : All Faculty | |
| 14. Placements | : No 44/61 Percentage: 72.13% | |
| 15. Higher Education | : Nil | |
| 16. Student feedback on Curriculum, infrastructure and facilities: Yes | | |
| 17. Strengths | | |
| 1. Teaching-Learning Methodology is good | | |

2. Faculty-Student Ratio is good
3. Industry and academia interaction with students is good
4. Placements are considerably increased compared to last year
5. Training programmes (Sponsored and outside) to the students is good
6. Feedback mechanism is good

18. Weaknesses:

1. Consultancy: Nil
2. Research Projects: Nil
3. Startup and Incubations are not there

19. Suggestions:

1. Quality of research publications need to be improved
2. Patents have to be improved
3. Number of employable training programmes need to be increased

20. **Documents** addressing the previous academic year weakness and suggestions for improvement: Enclosed: Yes




The following improved points were mentioned for addressing previous academic year audit report weaknesses and suggestions:


- Faculty members are published 20 publications during the academic years
- Faculty members are published 6 books during the academic years
- Faculty were encouraged to attend in 190 events of FDP's, conferences, webinars, training
- Department was organised 12 webinars in association with PB Siddhartha, Consumer club, Jamin Foundation, Skill Desire, NIMSME, etc.,
- Faculty research publications were improved.
- Skill Development Programme was conducted for the students in association with Nandi Foundation, Vijayawada.
- Department is organising Certification programme on Data Analytics, Tally, Digital Marketing
- More than 70 per cent of the students are placed in the department


Dept. IQAC in-charge


IQAC Coordinator


Academic Auditor

- 1) 
- 2) 
- 3) 


Head of the Dept.

HEADS
Department of Business Administration
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