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
(ACADEMIC YEAR 2018-19)

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)

FOR AY: 2018-19

Name of the Head of the Department   : Dr. K. Ramesh

Name of the Programme   : B.Tech., in Civil Engineering

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

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

(1) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	B	
1.2	Revision / Update of regulation or syllabi	A	
1.3	Academic activity conducted beyond the prescribed curriculum during the AY:2018-19	A	5 activities
1.4	Total No. of teaching days during the AY:	A	
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	
1.6	Academic, administrative set up and functioning	A	
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	A	FSR = 15, NT = 4 2+1+9 = 12
1.8	Class rooms, program specific labs , computing facility and other labs availability	A	CR = 3+1 = 4 NDT Equipment and core cutting machine may be shown in specific project lab
.9	**Attainment levels of the POs of the programme**	PO attainment level	Verified
	B.Tech in Civil Engineering	A	

(2) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS
2.1	Research ambiance , activity and innovation (quality & quantity)	B	Very good practice of giving incentives for publications
2.2	Sponsored Research Projects and Consultancy	B	Rs. 3.5 L Consultancy and 2 UGC projects completed

2.3	Initiatives undertaken towards faculty development	A	26 NPTEL courses/FDPs 65 FDPs attended
2.4	Development Programmes for supporting staff	B	Attended in certificate courses
2.5	Innovative processes adopted in teaching & learning	B	PPT/Poster/TQ/Industrial visits/ Internships Project based learning may be practiced
2.6	Industry Institute collaborations	C	KDM/IGBC/Medini solutions

(3) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
3.1	Transformation rate from I year to II year (passed all subjects in first attempt)	D	Weekly assignments/Open book tests may be introduced in first year
3.2	Remedial teaching for slow learners	B	--
3.3	Activities of Grievance redressal mechanism	B	--
3.4	Scholarships and Financial support	A	
3.5	Academic Performance (of outgoing students of the period), Year – Wise Student Performance	B	
3.6	Professional society/Chapter activities	B	ICI/IGBC
3.7	Number of capability enhancement and development schemes	B	Certificate courses conducted
3.8	Support for competitive examinations and career counselling	C	--
3.9	Extra Curricular Activities	A	Out of 133 student participated in inter institute activities and more than 50 students received prizes

Name and Signature of the Department IQAC Coordinator:

Name and Signature of the Head of the Department: K. Raeudle 22/2/2020

Name and Signature of the External Auditor: 22/2/2020

Name and Signature of the IQAC Coordinator: 22/2/2020

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT
(ACADEMIC YEAR 2018-19)

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)

FOR AY: 2018-19

Name of the Head of the Department: Dr A Jayalakshmi

Name of the Programme: Computer Science and Engineering

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

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

(1) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	A	
1.2	Revision / Update of regulation or syllabi	A	There should be a provision to update department electives
1.3	Academic activity conducted beyond the prescribed curriculum during the AY:	A	
1.4	Total No. of teaching days during the AY:	A	
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	
1.6	Academic, administrative set up and functioning	A	
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	B	Less number of Associate Professors in the Department
1.8	Class rooms, program specific labs , computing facility and other labs availability	B	High performance computing facilities required for R&D activities.
1.9	**Attainment levels of the POs of the programme**	PO attainment level-3	
	B.Tech in CS Engineering	A	

(2) RESEARCH AND INNOVATION

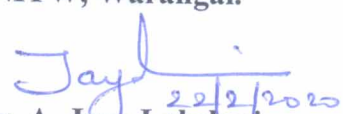| SNO	ITEM	GRADE	COMMENTS
2.1	Research ambiance , activity and innovation (quality & quantity)	B	Quality publications can be improved
2.2	Sponsored Research Projects and Consultancy	C	Need to be improved
2.3	Initiatives undertaken towards faculty development	B	Faculty involvement should be improved in the direction of research.
2.4	Development Programmes for supporting staff	C	
2.5	Innovative processes adopted in teaching & learning	B	
2.6	Industry Institute collaborations	B	

(3) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
3.1	Transformation rate from I year to II year (passed all subjects in first attempt)	A	
3.2	Remedial teaching for slow learners	A	
3.3	Activities of Grievance redressal mechanism	A	
3.4	Scholarships and Financial support	A	
3.5	Academic Performance (of outgoing students of the period), Year – Wise Student Performance	A	
3.6	Professional society/Chapter activities	A	
3.7	Number of capability enhancement and development schemes	B	More no. of programs to be conducted.
3.8	Support for competitive examinations and career counselling	B	Training for Competitive exams should be given to the students.
3.9	Extra Curricular Activities	A	

Name and Signature of the External Auditor:

Dr. T. Rama Krishnudu,
Asst. professor,
Dept. of CSE,
NITW, Warangal.

22/2/2020

Name and Signature of the Head of the Department:

Dr. A. Jaya Lakshmi,
Professor & Head,
Dept. of CSE,
PVPSIT.

22/2/2020

3

Name and Signature of the Department IQAC Coordinator:

22/02/2020

1. Dr M V Ramakrishna
Professor, Dept. of CSE
PVPSIT

2. Ms. D. Sree Lakshmi,
Asst. Professor,
Dept. of CSE,
PVPSIT.

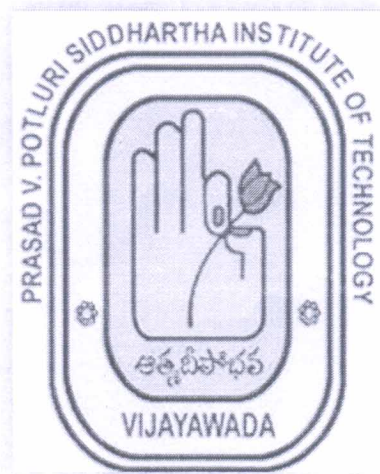**Name and Signature of the IQAC Coordinator:**

Dr. S. Madhavi,
Professor, *22/2/2020*
Dept. of CSE,
PVPSIT.

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT
(ACADEMIC YEAR 2018-19)

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)
FOR AY: 2018-19

Name of the Head of the Department: Dr P Rajesh Kumar

Name of the Programme: BTech, ECE

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

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

(1) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	B	
1.2	Revision / Update of regulation or syllabi	B	
1.3	Academic activity conducted beyond the prescribed curriculum during the AY:	B	
1.4	Total No. of teaching days during the AY:	A	
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	
1.6	Academic, administrative set up and functioning	B	
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	A	
1.8	Class rooms, program specific labs , computing facility and other labs availability	A	
1.9	**Attainment levels of the POs of the programme**	PO attainment level	
	B.Tech in ECE Engineering	A	NW 20/07/2020

(2) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS
2.1	Research ambiance , activity and innovation (quality & quantity)	B	
2.2	Sponsored Research Projects and Consultancy	C	2018-19 Needs Improvement
2.3	Initiatives undertaken towards faculty development	B	
2.4	Development Programmes for supporting staff	B	
2.5	Innovative processes adopted in teaching & learning	B	
2.6	Industry Institute collaborations	B	

(3) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
3.1	Transformation rate from I year to II year (passed all subjects in first attempt)	A	
3.2	Remedial teaching for slow learners	A	
3.3	Activities of Grievance redressal mechanism	B	
3.4	Scholarships and Financial support	B	
3.5	Academic Performance (of outgoing students of the period), Year – Wise Student Performance	A	
3.6	Professional society/Chapter activities	A	
3.7	Number of capability enhancement and development schemes	B	
3.8	Support for competitive examinations and career counselling	B	
3.9	Extra Curricular Activities	B	

Name and Signature of the Department IQAC Coordinator   22/02/2020 (M.SRINIVASA RAO)

Name and Signature of the Head of the Department   P. Sassi (DR P. RAJESH) 22/2/2020

Name and Signature of the External Auditor: 22/02/2020 (Dr.N.Balaji) Prof. & ECE
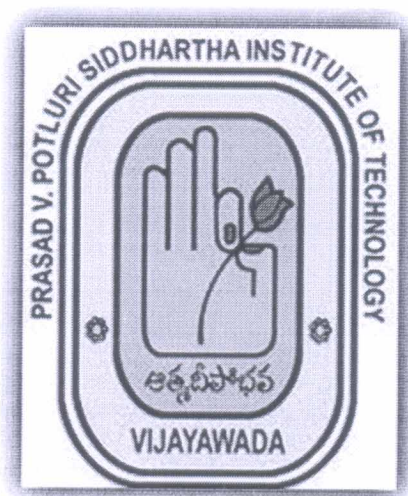
Name and Signature of the IQAC Coordinator   22/2/2020

3

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT
(ACADEMIC YEAR 2018-19)

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)
FOR AY: 2018-19

Name of the Head of the Department: Dr M. Venu Gopala Rao

Name of the Programme: Electrical and Electronics Engineering

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

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

(1) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	A	
1.2	Revision / Update of regulation or syllabi	A	
1.3	Academic activity conducted beyond the prescribed curriculum during the AY:	B	
1.4	Total No. of teaching days during the AY:	A	
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	
1.6	Academic, administrative set up and functioning	A	
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	A	
1.8	Class rooms, program specific labs , computing facility and other labs availability	A	
1.9	**Attainment levels of the POs of the programme**	PO attainment level	
	B.Tech in Engineering	B	

(2) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS
2.1	Research ambiance , activity and innovation (quality & quantity)	B	
2.2	Sponsored Research Projects and Consultancy	C	
2.3	Initiatives undertaken towards faculty development	B	
2.4	Development Programmes for supporting staff	B	
2.5	Innovative processes adopted in teaching & learning	B	
2.6	Industry Institute collaborations	C	

(3) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
3.1	Transformation rate from I year to II year (passed all subjects in first attempt)	C	
3.2	Remedial teaching for slow learners	B	
3.3	Activities of Grievance redressal mechanism	B	
3.4	Scholarships and Financial support	B	
3.5	Academic Performance (of outgoing students of the period), Year – Wise Student Performance	A	
3.6	Professional society/Chapter activities	C	
3.7	Number of capability enhancement and development schemes	B	
3.8	Support for competitive examinations and career counselling	C	
3.9	Extra Curricular Activities	C	

Name and Signature of the Department IQAC Coordinator 22/2/2020 Dr N. Vijaya Anand

Name and Signature of the Head of the Department 22/02/2020 Dr. M. VENU GoPALA Rao

Name and Signature of the External Auditor: 22/02/2020 Dr. N. Balaji

Name and Signature of the IQAC Coordinator 22/2/2020.
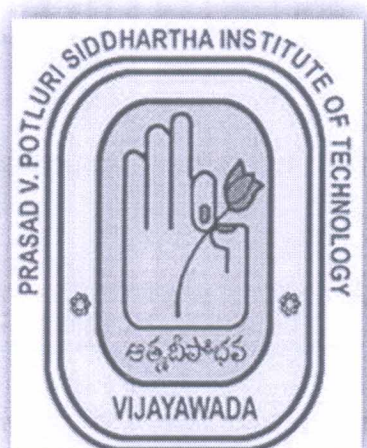
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INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT
(ACADEMIC YEAR 2018-19)

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)

FOR AY: 2018-19

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

Name of the Programme: Information Technology

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

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

(1) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	A	Stakeholders views are considered in designing the curriculum
1.2	Revision / Update of regulation or syllabi	A	
1.3	Academic activity conducted beyond the prescribed curriculum during the AY:	A	Value added/certification courses are conducted.
1.4	Total No. of teaching days during the AY:	A	
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	
1.6	Academic, administrative set up and functioning	A	A total of 40 committees are constituted for better functioning of the department
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	B	Sufficient number of faculty with doctorates are available, awaiting for the promotion(Associate level)
1.8	Class rooms, program specific labs , computing facility and other labs availability	A	
1.9	**Attainment levels of the POs of the programme**	PO attainment level	Achieved more than the target level of 70%
	B.Tech in Information Technology	A	

(2) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS
2.1	Research ambiance , activity and innovation (quality & quantity)	B	4 research groups are formed and research targets are being set.
2.2	Sponsored Research Projects and Consultancy	B	Applying for research grants every year.
2.3	Initiatives undertaken towards faculty development	A	Faculty are encouraged to attend FDP's at higher institutes
2.4	Development Programmes for supporting staff	A	
2.5	Innovative processes adopted in teaching & learning	A	MOODLE,FLIP classes, Brain storming sessions are being implemented.
2.6	Industry Institute collaborations	A	MOUs with different IT industries

(3) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
3.1	Transformation rate from I year to II year (passed all subjects in first attempt)	A	89.45 % of students cleared all the subjects in II year (81.53% in I year)
3.2	Remedial teaching for slow learners	A	Effectively conducting remedial classes.
3.3	Activities of Grievance redressal mechanism	A	
3.4	Scholarships and Financial support	A	A good number of students got scholarships.
3.5	Academic Performance (of outgoing students of the period), Year – Wise Student Performance	A	93.80% of students got degrees.
3.6	Professional society/Chapter activities	A	Students are actively involved in professional society activities.
3.7	Number of capability enhancement and development	A	Students are

	schemes		encouraged to participate in Smart India Hackathon, value added courses etc. through proper counseling mechanisms.
3.8	Support for competitive examinations and career counselling	A	CRT classes and career counseling are conducted.
3.9	Extra Curricular Activities	A	

Name and Signature of the Department IQAC Coordinator: Dr.A.Haritha   22/2/2020

Name and Signature of the Head of the Department: Dr.B.V.Subba Rao :   22/2/20

Name and Signature of the External Auditor: Dr. K. Shahu Chatrapati   22/02/2020

Name and Signature of the IQAC Coordinator : Dr.S.Madhavi   22/02/2020.

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT
(ACADEMIC YEAR 2018-19)

(EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT)

FOR AY: 2018-19

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

Name of the Programme: Mechanical Engineering

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

Excellent	Good	Satisfactory	Need Improvement
A	B	C	D

(1) ACADEMIC ACTIVITIES

SNO	ITEM	GRADE	COMMENTS
1.1	Feedback on curricular and other aspects from stakeholders	B	More feedback may be collected
1.2	Revision / Update of regulation or syllabi	A	Mechatronics Lab Introduced
1.3	Academic activity conducted beyond the prescribed curriculum during the AY:2018-19	A	DASSAULT LAB 14+Certification Programmes
1.4	Total No. of teaching days during the AY:2018 – 19	A	UG/PG 16 Weeks
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, Curriculum and syllabi	A	NIL
1.6	Academic, administrative set up and functioning	A	NBA/ NAAC duties also may be included
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	A	31+1=32 faculty student ratio is 15 cadre ratio is ok
1.8	Class rooms, program specific labs , computing facility and other labs availability	A	9 Class rooms, 2 Tutorial Rooms, 14 Labs, DASSAULT Lab, 2 Research Labs
1.9	**Attainment levels of the POs of the programme**	PO attainment level	
	B.Tech in Mechanical Engineering	A	Well documented

(2) RESEARCH AND INNOVATION

SNO	ITEM	GRADE	COMMENTS
2.1	Research ambiance , activity and innovation (quality & quantity)	A	14 Scopus publications, 3 Patents filled and 1 published., 3 Lakhs seed money from SAGTE, Research centre
2.2	Sponsored Research Projects and Consultancy	A	UGC 3 Projects in progress, one ISHRAE Rs. 50,000/-
2.3	Initiatives undertaken towards faculty development	A	24 + FDPs attended outside, 3 FDPs organized
2.4	Development Programmes for supporting staff	B	One week programme is organized.
2.5	Innovative processes adopted in teaching & learning	B	NPTEL, Video lectures, Flip classes
2.6	Industry Institute collaborations	A	APSSDC, SIEMENS, NDT, DASSAULT, Ansys, 109 students gone for Internships/ Projects

(3) STUDENT SUPPORT AND PROGRESSION:

SNO	ITEM	GRADE	COMMENTS
3.1	Transformation rate from I year to II year (passed all subjects in first attempt)	C	Improvement required
3.2	Remedial teaching for slow learners	B	Some more classes may planned.
3.3	Activities of Grievance redressal mechanism	-	Central Level
3.4	Scholarships and Financial support	B	Scholar ship given by many organizations
3.5	Academic Performance (of outgoing students of the period), Year – Wise Student Performance (2018 – 19)	A	80%
3.6	Professional society/Chapter activities	B	Two Professional societies are enrolled. (ISTE and ISHRAE)

3.7	Number of capability enhancement and development schemes	A	APSSDC, SIEMENS, NDT, DASSAULT, Ansys, 109 students gone for Internships/ Projects
3.8	Support for competitive examinations and career counselling	D	Department of continuing education cell may be established
3.9	Extra Curricular Activities	B	Many students taken part on sports and cultural events.

Name and Signature of the Department IQAC Coordinator:

E. KAVITHA — E. Kavitha
22/2/2020

Name and Signature of the Head of the Department:

Dr. B. RASHU KUMAR
22/2/2020.

Name and Signature of the External Auditor:

② Dr JL Venkatesh Babu
22/2/2020

Name and Signature of the IQAC Coordinator:
22/2/2020

EXTERNAL ACADEMIC AUDIT 2018-19
DEPARTMENT OF MECHANICAL ENGINEERING