



E.G.S. Pillay Engineering College

An Autonomous Institution Affiliated to Anna University, Chennai |
Approved by AICTE, New Delhi Accredited by NAAC with A++ Grade |
Accredited by NBA T1

Old Nagore Road, Thethi, Nagore Village, Nagapattinam – 611002,
Tamil Nadu, India

EGSPEC INTERNAL QUALITY ASSURANCE CELL -EIQAC

Even Semester 2024-2025



Report of the External Audit Committee on Administrative and Academic Audit

Academic Year: 2024-25

Semester: Even

Department: Electronics & Communication Engineering

Date of Visit: 07-02-2025

Name of the Auditor with Designation: Prof. O.G. Kakde. Professor of Computer Science & Engineering
at VNIT Nagpur.

Administration

S.N.	Parameters	Observations	Recommendations
1.	Compliances		
a.	Formation of Statutory and non statutory bodies/committees, their terms of reference, meetings held, minutes of meetings and action taken reports both at Institute level and department level.	Yes, Governing Body, Academic Council are constituted at Institute level. BoS at department level. Meetings are held on regular basis. Minutes of meetings and Action taken reports are available. Other committees are also constituted.	
b.	Defining Academic regulations	Yes. Total 6 regulations are defined till date.	
c.	Grievance redressal mechanism	Yes, but available only for students.	Similar mechanism needs to be put in place for faculty & staff rather than dealing with their grievances in an adhoc manner.
2.	Student's support system		
a.	Formation of T&P Cell & Entrepreneurship Development cell.	Yes. both T&P and ED cell are formed.	

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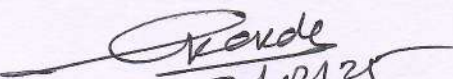
	b.	Defining internship & placement policy	Documented as placement Rules & Regulations.	
	c.	Formation of R&D and innovation Cell.	Yes, R&D cell is formed.	
	d.	Defining IPR policy of the Institute	Yes, defined as a part of R&D policy.	
	e.	R&D budget	Yes.	
3.	HR policy			
	a.	Recruitment & promotion rules	Documented	
	b.	Conduct and Disciplinary rules	Not documented	Recommended to get it documented
	c.	Scheme of incentives(if any)	Exists as a separate circular	

Academics

1.	Implementation of OBE			
	a.	Process of Vision, Mission, PEOs, and PSOs development	Yes, documented.	
	a.	Curriculum development process taking into account PO and PSOs, and defining COs	Yes, documented.	
	b.	Corrective actions taken for non-attainment of POs/PSOs	Yes, documented.	
	c.	Assessment pattern(in sem & end sem)		
	i)	Weightages assigned	Theory(40% for In-sem and 60% for End sem) Practical((50% for In-sem and 50% for End sem)	
	ii)	Question paper setting in line with Cos and calculation of attainment of COs	Questions are mapped to Cos for both In-sem and End sem examinations. Attainment calculations are done using marks for both examinations.	
	iii)	Transparency in assessment	Yes, Valued answer books of In-sem examinations are shown to the students.	Recommended to show the valued answer books of End sem examination also.
	iv)	Grading pattern	Claimed Relative grading, but no mechanism in place to set different cutoffs for different courses based on difficulty level.	Recommended to have a system in place for setting different cutoffs.

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	v)	Nature of assignment given	Problem solving. Projects, coding.	
d.	innovations in teaching learning			
	i)	Project based learning	Implemented not as a pedagogy but with more focus on projects.	Recommended to implement as pedagogy, so that students will learn through different methodology.
	ii)	Problem based learning	Implemented not as a pedagogy but with more focus on solving more problems.	Recommended to implement as pedagogy, so that students will learn through different methodology.
	iii)	Cooperative learning	Implemented not as a pedagogy but with more focus group assignments.	Recommended to implement as pedagogy, so that students will learn through different methodology.
2.	Idea generation and innovations			
	a.	Courses on innovations & IPR	Introduced a course on IPR.	
	b.	No. of ideas/innovations by the students and faculty	1 student's idea and 7 faculty projects are converted to patents.	
	c.	No. of ideas/innovations converted into projects/technologies recognized at national/international level	Nil.	
	d.	No. of IPRs filed/awarded	8 patents.	
	E	Product development laboratory	No.	
	f.	Pre-incubation and incubation facilities	AICTE Idea lab is set up.	Recommended to set up incubation facility.
3.	Faculty & Faculty development initiatives			
	a.	No. Of Teaching Staff	26	
	b.	Cadre Proportion	2:3:21	
	c.	Retention	Very good, more than 90% faculty is retained.	
	d.	Visiting/Adjunct/Emeritus Faculty	Engaging Industry professionals to take classes(one full course). Adjunct faculty is appointed.	
	e.	Areas of faculty competencies	Communication Systems, VLSI design, embedded systems.	
	f.	Training need analysis	Not done	Recommended to do TNA.


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	g.	No. of FDPS/conferences/workshops organized	4	
	h.	No. of faculty members attended FDPS/conferences/workshops	26	
		Outreach activities	Some, like school presentations	Recommended for proactive participation in outreach activities.
4.	Academic & sponsored research			
	a.	No. of Ph.D scholars registered	29	
	b.	No. of Ph.D supervisors	5	
	c.	No. of proposals submitted to various funding agencies	02(major)+02(minor)	
	d.	No. of projects received funding	Nil.	More efforts are needed to be put in.
	e.	No. of publications	35	
	f.	Post Doctoral Fellowships & research Associates	Nil.	


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 SIGNATURE OF AUDITOR