

6.5.3 Average number of quality initiatives by IQAC per year for promoting quality culture

Year	Name of quality initiative by IQAC
	Quality enhancement initiatives in Academics
2012-13	Finishing School -- A school for training in soft skills, communication, analytical skills, personality development, enhancement of technical skills to make the students industry ready.
	Career Vision Approach - An Approach through which students are made to visualize, experiment, experience their future career
	Shadow Engineering - an 'exposure to industry' program for the students to get familiarized with the procedures and practices of the industry.
	Domain Engineering - A hands on training program giving to the students in the Laboratory
	Engineer-In-Mirror - students are sent to domain-specific companies for industry interaction and are encouraged to do discovery learning
	Induction Program -A ,orientation program to introduce the fresh students to various learning centres to facilitate interaction with faculty and thereby create an awareness of Engineering education and its milieu
	Teaching Learning Initiatives: Art of Teaching
	Education Process Re-engineering - A Spectral Pyramid ---an analysis and design of workflows and processes within the Organization to analyze the gap between the needs of society and the capability of the academia.
	Two-Day Workshop on Instructional Design for E-Content Development
	Seminar on "e-Learning Environments: New Opportunities and Challenges for Students and Universities"
POGIL (Process Oriented Guided Inquiry Learning) -a novel student-centered teaching methodology focusing on Interactive, experiential and discovery learning to develop process skills such as critical thinking, problem solving and communication	
2013-14	Induction Program - Staff - An Orientation program for the newly joined faculty
	One-Day Workshop on Design of POGIL Activities -Dr. Kelly Butler
	Micro-Teaching Sessions To acquaint new Faculty with Teaching Methodologies
	Workshop on Intellectual Property Rights
	Show & Tell -a student platform for demonstration of new projects and innovative ideas with a 20 minute micro-talk.
	Lab Protocol - a Laboratory teaching procedure to show the connection between theory and its application in the laboratory.
	Establishment of A Center of Excellence for "Renewable energy system"
	Sensitization programs on improving Research publications
	Establishment of A Center of Excellence for "Disaster Mitigation"
	Automation of Campus : in the areas of Academics, Admissions, Examinations, Accounts, Library, Establishment
	Preparation of Quality Indices for monitoring the attendance for Faculty and students. Also Quality Indices for Results and Placements
	One-Day Workshop on WIT and WIL a Unique Teaching initiative which gives a clear picture on importance, objectives and real life application of the topics being taught. WIT stands for " Why am I teaching What I am Teaching " and the term WIL stands for " Why am I Learning What I am Learning "
2014-15	Designing Graduate Attributes for all the programs
	Specification of learning outcomes for all the courses
	An Initiative to create Awareness on the importance of practical education among Government school Students
	Swatch Bharath Abhiyan -A Campaign on keeping the surroundings clean was initiated
	Online Student Feedback System through CAMS
	Integrated Attendance system with Biometric for faculty
2015-16	Establishment of Center for Data science
	Online Workshop on "Using Moodle for Technical Communication for Scientists & Engineers" in collaboration with IIT Bombay.
	Learning by Doing- Skype Training Session
	New assessment methodologies like Group presentations, Quiz, Home Assignment and Online tests
	Gender Sensitization Program
	Established an Incubation Centre called VJ-HUB for promoting entrepreneurship in the student community
	Establishment of A center for Nano Science Technology
	Open House - A Project Expo.
	2 Day Orientation cum Workshop on "New and Emergent Pedagogies for 21st century Engineers"
	Sensitizations Programs on literature Survey by Dr. PN Singh
	Week end Projects: Students stay back in the Dept. Laboratory during the week ends and work on new projects.
	Seminar on "Internal Quality Assurance in Higher Education" by Prof. V.S. Prasad, Former Director, NAAC
	Vignana Jyothi Philosophy
	A lecture on "practical Demonstration on creating ORCID Profile"
	NPTEL Local Chapter has been Initiated
Spoken Tutorials through ICT	
A four- week workshop on "Use of ICT in Education for Online and Blended Learning-FDPICT001x" Conducted by IIT BombayX. This workshop was conducted between 02nd May 2016 and 14th July, 2016.(Got Extended to two Months)	
	Quality Indices have been developed for Infrastructure such as Classrooms, Laboratories, Seminar Halls, Auditorium, Hostels.
	One -Day Training Session on Bloom's Taxonomy and Think -Pair- Share
	Flipped Classroom & Blended Learning - a new teaching methodology focusing on active learning
	Guest Lecture on "Understanding the Global Education Framework and Technology in Education"- Indian Perspective

	Interactive session on POGIL
	A Seminar on "Quality Metrics in Higher Education" by Dr. M.G. Sethuraman, Professor ,IQAC DIRECTOR, Gandhigram Rural Institute
	High Intensity Training programmes for students for placements
2016-17	Hackathon-a Continuous online assessment process
	Analysis of Journal Publications for gauging Quality
	A center for Education Technology
	A Lecture on "Research Academia and the Profession" by Dr. PN Singh
	Establishment of Experiential Learning Centre
	MOOCS -- Offer countless online learners the opportunity to learn new skills and expand their knowledge base
	WIT & WIL - teaching methodology showing the importance, objectives and real life application of Subject Knowledge
	A Lecture on " ORCID Profile with Scopus"
	Exploring the use of Moodle