

Best practices in Governance

- Board of Governance meets four times in a year
- Calendar is available on website of Meetings of BoG, Academic Council
- Minutes of meeting of BoG on website
- Academic council meets twice in a year and minutes of meeting on website
- Nomination of student member on BoG, Academic Council and Board of Studies
- Alumni and non-teaching staff on BoG
- Decentralization- Deputy Directors, Deans, and total 32 different committees
- Transparency in governance
- All Deans on BoG
- Feedback on every process and activities including academic processes from all stakeholders
- Annual report presented in BoG

Best practices in Industry Institute Interaction

- Industry representation on BOG
- Industry representation on BOS
- Departmental Industry advisory board
- Start up meet
- Partial delivery of curriculum through guest lectures and industrial visits
- STTP in association with industry-Cloud Computing by TCS, Lab view by National Instruments and many more
- Faculty trained by Industry
- Mandatory Internship
 - Six week internship including two weeks social Internship
 - Six Months internship & Field Project
- Student portal (e-governance) for uploading data
- Funded laboratories by industries (more than 1crore in 9 lab set ups nu industries)
- Project Guidance and Evaluation by industry
- Workshops/ conferences in collaboration with industries
- Ph.D on industrial research
- AICTE-CII survey platinum ranking for 5 programmes
- MoUs with more than 36 industries

Best practices for creating eco system for Entrepreneurship

- Establishment of Incubation Centre

- Implementation of the Innovation and Entrepreneurship Development Cell (IEDC) project of DST
- Organization of Entrepreneurship Development programmes in association with Entrepreneurship Development institute of India (EDI), MCED, MSME, TiE, Global Shapers etc
- National level B-plan competition (R-Idea)
- Best Innovation awards
- Financial Support for Product development (Rs.15 lacs per annum)
- Financial Support Support for Exhibition/ commercialization
- Setting up innovation Cell
- Entrepreneurship Development (EDP) subject in curriculum
- Seed money support
- IPR Training
- Incentives for filing patents
- Establishment of Innovation gallery
- Strong E-cell
- Filed 103 patents & PAN India 6th position for filing maximum patents

Institutional Reforms in Teaching Learning Process

- Only institute in Maharashtra to get all UG programmes accredited under Tier-I
- Remedial Classes at 3 level 3 times within semester for Academically weaker students.
- Continuous Evaluation System
- Flavor of Digital India (Students portal, MIS, Students Idea Portal, Faculties are using moocs, blended moocs, coursera, udacity, virtual lab, google class room & QEEE)
- Academic Audit – Internal and External by IIT/IISc Faculty.
- Compulsory 6 Audit Courses for Under graduate
 - **GP-I:** Ethics & professional Competency
 - **GP-II:** French/German /Spanish/Japanese
 - **GP-III:** Hobby Courses (25)
 - **GP-IV:** Advanced Communication Skills
 - **GP-V:** Enhancing Employability Skills
 - **GP-VI:** Research Methodology
- Choice based Credit System (CBCS)
- Credit Transfer Scheme (CTS) with VJTI Mumbai & COE Pune
- PEER teaching
- Project at multiple level
- IIT faculties on Board of Studies
- Open house for grievances
- 24 Open electives including constitution of India
- Recent topics or trends related to course -15% of the syllabus

Institutional Reforms in Evaluation

- Continuous assessment
- Answer sheets of each CAE & End Semester exam shown to students
- Monthly attendance of students and information to parents about their attendance and Performance
- Internal assessment on 10 different parameters
- Relative Grading
- Results are declared within 8 days
- Vacation exam for failures within one month.
- Assessment & teaching tuned to outcome based education
- Summer term

Support system for slow learners

- Teacher Guardian Scheme to resolve academic & non-academic issues
- Online Diagnostic test in first semester
- Psychological test/Analysis of counseling
- Extra classes embedded in time table (Late admissions)
- Remedial Teaching at 3 levels for weak students
- Improvement test (one additional chance)
- Grade Improvement facility for CGPA<6.75
- Counseling for weaker students by Controller of Examination/Weaker cell In charge and Head of Department
- Skill enhancement programmes for 40 courses free of cost under finishing school
- Yamaha Academy
- SAP Academy

Best practices of R&D

- Seed money for Research Projects
- Every year National / International Conference
- Ph.D Pre Submission before experts from IITs/IISc
- Visit to International universities.
- Sponsorship for International & National Conferences
- Qualification Updation (Sponsorship)
- Deputation for Trainings at IITs/NITs

- Deputation of Faculty for Research with 75 % Salary
- Study leaves for Ph.D work
- 65 % of Consultancy fee to concerned Faculty
- 50% concession in registration fees for GHRCE faculty at ARC
- Seed Money for R&D activities
- 10% of total grant of Research Projects as Incentive from Management
- Rs. 30000/- incentive for patent in two stages – Rs.15000/- after patent is filed and Rs.15000/- after patent is granted
- Rs. 5000/- incentive for refereed journal publication
- Rs.5000/- incentive for research guidance per PhD student for maximum three years
- Rs.10000/- incentive to PhD supervisor for PhD awardee under him/her
- Rs.5000/- incentive for convener/coordinator of conference and STTP
- Rs.10000/- for product development of RGI
- Additional financial assistance to faculties to complete government funded research projects
- 100% support Patent assistance
- Travel support for International Conferences abroad
- iThenticate plagiarism check all research publications of faculty/students
- Ph.D. Pre submission seminar available on you tube.
- Approved research centre for 7 engineering disciplines and 3 science disciplines
- Pre-registration seminar, progress seminar and pre-submission seminar for PhD scholars
- Ph.D colloquia

Initiatives for improving quality of publications

- For each publications, irrespective of whether financial assistance is sought or not, iThenticate Plagiarism check is done, prior to sending research paper for publication.
- iThenticate Plagiarism check done by department R & D Coordinator, report sent to concerned author for necessary corrections/updates.
- Updated copy sent to Journal/Conference for publication.
- Each Ph.D. thesis checked for plagiarism, report sent to concerned Ph.D. Scholar and Guide for necessary corrections/updates.

Faculty and staff development initiatives

- Deputation of faculty for training in subject domain only to IIT and industry.
- Pedagogy training of 200hours to all faculty mandatory before actual classroom teaching.
- Support for qualification up gradation
- Deputing senior functionaries for Management capacity development programmes
- Organizing STTPs/workshops/trainings
- Report submission and presentation to all after attending training.
- 100 % support for International conference.

Best outreach Activities

- Strong NSS unit
- CSR activities with nearby Schools
- Two weeks social internship
- Six weeks internships
- Six months Internship
- Visit to orphanage, old age homes
- Under continuing education programmes, Every department two organize two STTP
- National and international conference for budding engineers of the region
- Incubation centre is open to all from the society
- Social programmes like Garba, Ganesh festival, Shiv Jayanti etc
- Participation in Clean India Movement
- Yamaha Academy for socially/ economically disadvantaged youths
- Parents meet twice in a year
- Alumni meet every year.