VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

Internal Quality Assurance Cell

IQAC

Driving Quality Parameters

1. Governance, Management & Administration

- Vision & Mission
- CAMS
- Quality policy
- Strategic Plan
- Welfare Schemes
- Total Corpus fund
- Financial Audit
- Academic and Administrative Audit
- Examinations Reforms
- Alumni Association
- Faculty and Support Staff Training
- Policy manuals
- Appraisal of faculty.
- Safety Norms & Checks
- Health Centre
- Fostering Global Competencies
- Ethics
- E-Governance

2. Resources & Facilities

PHYSICAL RESOURCES
- Master plan of PU campus
- Adequacy of resources for PU
- Hostels
- Infrastructure
- Asset management
- Library
- Maintenance

HUMAN RESOURCES
- Faculty
- Staff
- Students
- Teacher – Student Ratio
- Teacher – Staff Ratio
- Faculty Cadre Ratio
- No. of permanent Faculty
- Faculty with Ph.D.
- No. of faculty positions recruited/ Vacant
- Adjunct Faculty
- Professor of Practice
- Admin/ Staff – Details and development

FINANCIAL RESOURCES
- Budget allocation
- Internal / external Audit

ICT RESOURCES
- Networking
- LCD Projectors
- Computers
- Audio - Visual
- Digital Infrastructure

LEARNING RESOURCES
- Laboratories
- E-Library
- Journal, e-journals

3. Teaching - learning & Evaluation

ACADEMICS
- Academic Programmes
- New dept./ Section/ Course introduced
- Academic Calendar
- Timetables

CURRICULAR ASPECTS
- Flexibility of curriculum
- Revision of Syllabi
- Participation of faculty in curriculum development & restructuring
- Honors and Minor Degrees
- NEP-2020

TEACHING - LEARNING
- Faculty Induction
- Innovative Teaching - Learning method
- Student – centric method
- Outcome based method
- WIT & WIL ™
- POGIL
- Active – learning pedagogies
- Students' Attendance-Action
- Faculty participation in conferences/ symposia
- Initiatives towards Faculty Development
- Micro Teaching
- ICT Methodologies

EVALUTION
- Examination/ Evaluation reform
- Continuous Assessment (Assignments, Mid exams, Seminars, Experiential learning, Internships, Course based projects, Mini Project & Major project, Comprehensive Viva, End exams)
- Pass Percentage – Distinction

FEEDBACK
- Feedback from all stakeholder

4. Research, development & Consultancy

RESEARCH THRUST AREAS
- Initiatives towards promoting/ sensitizing Research culture
- Supervisors for PhD
- Recognized Research Centre

RESEARCH ADVISORY BOARD
- Total budget for Research
- Research in Thrust areas (M.Tech Projects, Research programs)
- Projects
- Research Awards
- Publications

FUNDED PROJECTS
- Major Projects
- Minor Projects
- Industry sponsored projects
- Govt. Agencies Sponsored projects
- Collaborative projects
- Inter Disciplinary Projects
- Student Research Projects (Other than compulsory by the university)

CONSULTANCY
- Revenue through consultancy

INNOVATION & STRATUPs
- Patents
- Prototype/Product development
- VJHUB

MOUs/COLLABORATION

PUBLICATIONS
- Research Publications
- Indexed and High Impact factor publication
- Books published
- Citations
- Editors and Reviewers

CONFERENCES
- No. of conferences organized
- No. of faculty served as chairperson / resource persons

5. Innovations & Best Practices

- Practicing Covey's 7 Habits
- Career Vision approach
- VNR Lab Protocol
- Shadow Engineering
- Engineer - in - Mirror
- Finishing School
- Show & Tell
- Education Process Re-Engineering (EPR)
- Blended Learning
- 18 Months Institute Calendar
- RCC for Interdisciplinary Research
- Incubation Centre
- Institute Publications
- Mentoring, Training & Placement
- Students Innovation Centre
- Course Based Projects
- Sustainability Development Goals

6. Student Support & Progression

ADMISSIONS
- Student's status – outside state, Men, Women, General, SC,ST

ACADEMIC PROGRESS
- Tracking Progress
- Result Evaluation
- Bridge Courses
- Remedial courses
- Coaching for competitive exams
- Students qualified in competitive exams
- Hands on training/ Internship
- Medals
- Awards
- Scholarship/ financial support

PLACEMENT
- Training for Employability Skills
- Finishing School
- Campus placement

CO-CURRICULAR ACTIVITIES
- Professional Chapters (IEEE, ISTE, ISOI, IETE,CSI,SAE,IUCEE, VSI,VGLUG,ACM, etc.)
- Student organized initiatives – Convergence

EXTRA-CURRICULAR ACTIVITIES
- Sports
- Clubs (Crescendo, Dramatrix, Live wire, Literary Club etc.)
- FESTS

COUNSELLING/SUPPORT
- Student support services
- Student Mentoring, Counseling & Career Guidance
- Gender sensitization
- Students' grievances & redressal
- Student Council
- Ethics

7. Societal Sensitivity & Impact

- Eco- friendly campus
- NSS, VNRSF and other societal clubs - Participation
- Institutional social responsibility
- Social initiatives by students
- Environmental awareness and activities
- Contribution to National Development & Community Engagement
- Societal impact projects

Training on Quality to Faculty & staff

- Seminar/Workshop on Quality Aspects towards Teaching-Learning
- Programs on Sensitizing/ Promoting Internal Quality
- Programs Promoting Research, consultancy and innovation ecosystem
- Certificate Courses
- Programs on VNRVJIET Differentiators

Academic Audit

- Circulars
- Rules & Regulations – Academics, Exams
- List of staff members
- Roll list of students
- Timetable-Class
- Timetable-Staff
- Timetable-Internal Exams
- Timetable-external Exams
- Report on Attendance Registers
- Report on Class work monitoring
- Report on Syllabus coverage
- Report on Laboratory classes, Records
- Report on Course work Files
- Report on Mid exam answer scripts
- Class Review Committee (CRC) meeting minutes
- Action taken report on CRC minutes
- Feedback Reports
- Action taken report on Feedbacks

Administrative Audit

ADEQUACY OF PHYSICAL INFRASTRUCTURE
- Total rooms
- Classrooms
- Laboratories
- Seminar Hall
- Library
- Admin Offices
- Canteen
- Utility area
- Sports facility

MAINTENANCE
- Repair & Routine maintenance

ISO, QS AUDITS

ADEQUACY OF AUTOMATION

GREEN, ENVIRONMENT, ENERGY AUDIT

UPGRADATION OF LEARNING RESOURCES/TECHNOLOGIES

POLICIES/ SOP's

Sub Documents
Forms & Formats
Questionnaire

Departments/ Sections

PAAC

IQAC

[Analyses]

Assurance/ Corrective Measures

Generating Report

Principal → Management

* All the above parameters support guidelines/ requirements of – AICTE/ UGC /NBA/ NAAC / NIRF/ VNRVJIET Policy