VAAGDEVI ENGINEERING COLLEGE
Autonomous
(Sponsored by Viswambhara Educational Society)
(Approved by AICTE, Affiliated to JNTUH, Hyderabad and SBTET-TS)
P.O. BOLLIKUNTA, WARANGAL - 506 005 (Telangana State)

STRATEGIC PLAN - 2025-2027

Part-1: Institutional Vision, Mission & Holistic Development

Institute Vision
- Striving continuously for global recognition through academic excellence in higher education for the betterment of society.

Institute Mission
- To produce technically competent and socially responsible engineers with ethical values through innovative teaching learning process.
- To promote research and entrepreneurship culture among faculty and students.

Quality Policy
- Establish a robust quality assurance system to continuously monitor and evaluate academic processes.
- Promote effective teaching–learning practices to enhance academic excellence.
- Evolve as a Centre of Excellence in Engineering and Technology.

Institutional Holistic Development Goals
- Emerge as a nationally recognized engineering institution through:
  - Academic excellence
  - Research and innovation
  - Entrepreneurship
- Prepare students with:
  - Strong knowledge base
  - Ethical values
  - Professional character
- Ensure employability and societal contribution.
- Secure and sustain:
  - To obtain NBA accreditation
  - NAAC accreditation
  - NIRF ranking
- Meet expectations of all stakeholders:
  - Students, Parents, Faculty, Industry and Society.

Part-2: Infrastructure & Digital Development

Infrastructure Development Objectives

- Establish Centres of Excellence in every department.
- Upgrade laboratories as per:
    - Revised syllabi
    - New academic programs
- Equip labs with:
    - Latest equipment
    - Advanced machines
    - Licensed software
- Improve acoustics in seminar halls.
- Convert all classrooms into ICT-enabled classrooms.
- Upgrade internet bandwidth to support:
    - MOOCs
    - Online learning platforms
- Construct an indoor stadium for indoor sports.
- Fully digitize the library collection.

Digital Infrastructure Initiatives

- Campus-wide Wi-Fi and high-speed internet.
- Cloud and physical servers for academic needs.
- ERP system for:
    - Students
    - Faculty
    - Administration
- Digital alignment with:
    - NAAC
    - NBA
    - NIRF
    - AICTE
    - UGC
- Stakeholder engagement portals for:
    - Alumni
    - Parents
    - Employers

Part-3: Faculty, Research & Consultancy Development

Faculty Strengthening

- Recruit 50% of teaching staff with PhD qualifications.
- Encourage faculty participation in:
  - Faculty Development Programs (FDPs)
  - Industry training programs
- Promote:
  - Self-learning
  - Professional certifications
- Motivate faculty to:
  - Publish in peer-reviewed journals
  - Attend conferences and workshops
  - Pursue PhD coursework
- Implement 360° performance-based appraisal system.

Research & Development Objectives

- Achieve recognition as a University Research Centre.
- Promote sponsored research projects.
- Encourage consultancy services for:
  - Government organizations
  - Industries
  - Educational institutions
- Initiate collaborative research with reputed organizations.
- Improve R&D infrastructure and funding.
- Encourage patent filing, granting, and commercialization.
- Increase MoUs with:
  - National universities
  - Research institutions
  - Industries
- Host Research/Innovation Day

Consultancy Promotion

- Expand consultancy across all disciplines.
- Develop faculty expertise database.
- Strengthen industry–institute collaborations.
- Generate institutional revenue through consultancy.

Part 4: Student Development, Placements & Innovation

Student Development Focus Areas

- Academic performance enhancement.
- Technical skill development.
- Soft skills and behavioral skills training.
- Project-based learning.
- Goal-oriented career planning.

Training & Placement Cell Objectives

- Strengthen Training & Placement Cell.
- Increase number of recruiters.
- Encourage student internships.
- Improve on-campus placement opportunities.
- Increase median salary packages.
- Improve placements in:
    - Core engineering sectors
    - Non-IT programs
    - PG programs
- Offer:
    - CRT training
    - Domain-specific training
    - Company-specific training
- Provide continuous GATE coaching.

Innovation & Incubation

- Strengthen Entrepreneurship Development Cell.
- Organize:
    - Hackathons
    - Ideathons
    - Boot camps
    - Startup workshops
- Establish cutting-edge innovation labs.
- Support student and faculty startups.
- Promote patent generation and startup registration.
- Host "Startup Placement Day".

Part 5: Academic Excellence, Global Connect & Sustainability

Strategies for Academic Excellence

- Make the teaching-learning atmosphere stronger.
- Establish the Choice Based Credit System (CBCS) and Outcome Based Education (OBE);
- Provide open electives in developing fields.
- Adopt new technologies both now and in the future.

Reforms to Exams

- Completely automate the examination procedure.
- Put in place user-friendly, safe systems.
- Make the setting of outcome-based question papers stronger.
- Assessments should be in line with Bloom's Taxonomy.

Global & Alumni Engagement

- Establish global academic collaborations.
- Promote:
  - Joint research
  - Faculty & student exchange
- Strengthen alumnae interaction through:
  - Chapters
  - Mentorship
  - Scholarships
- Increase alumnae contributions annually.
- Build alumni-supported skill development programs.

Faculty Qualification & NEP 2020

- Achieve 75% PhD-qualified faculty by 2030.
- Support faculty pursuing doctoral studies.
- Implement NEP 2020:
  - Flexible curricula
  - Interdisciplinary education
  - Experiential learning
  - Multiple entry/exit options

Societal & Green Initiatives

- Adopt villages for community development.
- Promote:
  - Environmental sustainability
  - Carbon footprint reduction
  - Waste recycling
- Encourage eco-friendly campus practices.
- Conduct community outreach programs.

Strategic Plan Monitoring

- IQAC to monitor implementation.
- Annual progress review.
- Compliance and impact assessment.
- Continuous improvement through feedback.

PRINCIPAL
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