



**CHAITANYA ENGINEERING COLLEGE**  
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada  
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

**INSTITUTION PERFORMANCE INDICATORS**

Institutional performance indicators for the institute measure success across key areas: academics, research, and societal impact. These metrics help evaluate progress, ensure accountability, and guide strategic decision-making.

**Academics**

Academic performance indicators (APIs) focus on the quality of teaching, student success, and the effectiveness of the curriculum.

- **Student Success & Outcomes:**
  - **Graduation Rate:** Percentage of students completing their degree within the expected timeframe.
  - **Student Progression Rate:** Rate at which students advance to the next academic year, indicating satisfactory academic progress.
  - **Employment Rate Post-Graduation:** Percentage of graduates securing employment within a specific period after completing their studies.
  - **Academic Performance Index (API):** A calculated metric that often weights student performance across different grade point average (GPA) bands.
- **Teaching & Learning Process:**
  - **Student-to-Faculty Ratio:** Measures the availability of faculty for personalized student attention and mentorship.
  - **Attendance and Participation Rates:** Indicators of student engagement with course material and classroom activities.
  - **Use of Innovative Teaching Methodologies:** Faculty adoption of modern, participatory learning methods and curriculum enrichment.
  - **Accreditation Status:** Achievement and maintenance of accreditation from recognized engineering bodies, demonstrating adherence to quality standards.

**Research and Innovation**

Research and innovation KPIs assess the productivity, quality, and commercial viability of the institution's R&D activities.

- **Research Output & Quality:**
  - **Number of Publications:** Total count of peer-reviewed journal articles, conference papers, and books published by faculty and researchers.



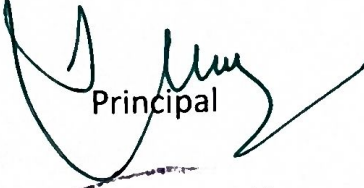
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- **Citation Metrics:** Indicators like the h-index (for the institution and individual researchers) to quantify the influence and impact of publications.
- **Number of Patents Filed and Granted:** Measures the generation of intellectual property.
- **Royalty and Licensing Income:** Financial returns generated from commercializing patents and intellectual property.
- **Funding & Collaboration:**
  - **Research Funding Secured:** Total value and number of grants obtained from external sources, including government agencies and industry partners.
  - **Proposal Success Rate:** The percentage of research proposals that receive funding.
  - **Collaboration Effectiveness:** Number of joint publications, patents, or projects completed with external academic or industry partners.
- **Innovation & Efficiency:**
  - **Return on R&D Investment:** Assesses the financial gain relative to R&D costs.
  - **Time-to-Market:** The time taken from initial research to the launch of a new product or service.
  - **Percentage of Revenue from New Products:** Tracks the commercial success and market impact of recent innovations.

**Societal Impact**

Societal impact indicators measure the college's contribution to the community, economy, and the broader social good.

- **Community Engagement & Service:**
  - **Number of Community Service Projects:** Involvement of students and faculty in service-learning and civic responsibility initiatives.
  - **Industry Collaboration:** The extent to which the college engages in efforts with external stakeholders (industry, non-profits, government) to apply knowledge for the benefit of communities.
  - **Utilization of Resources for Public Benefit:** Using institutional resources sustainably and in ways that benefit the local intellectual, cultural, social, and economic life

  
Principal

**PRINCIPAL**  
**CHAITANYA ENGINEERING COLLEGE**  
Kommadi, Visakhapatnam - 530 048