

STRATEGIC PLANNING

2022-27



January-2022

GOAL



CHALAPATHI
Institute of Engineering & Technology
AUTONOMOUS

Strategic Plan (2022-2027)

January - 2022

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Founder



Sri Y.V. Anjaneyulu, Chairman.

Chalapathi Educational Society has been in the forefront in imparting quality engineering education through its institution Chalapathi Institute of Engineering and Technology. The architect of Chalapathi educational society Sri Y.V. Anjaneyulu is an outstanding visionary, Philanthropist and academician with forward outlook. His commitment in developing Engineering College is unmatched and unparalleled.

He is dedicated in developing the institute into center of excellence in providing need based technical training to the students to exploit global opportunities. Chalapathi Educational Society is also managing Chalapathi Institute of Pharmaceutical Sciences (CIPS), Chalapathi Institute of Technology, Chalapathi High School, Chalapathi Junior College and Chalapathi Degree College.

Sri Y.V. Anjaneyulu is a former executive member of Acharya Nagarjuna University, President of R.V.V.N. College, Amaravathi and Ex-member of Legislative Assembly of Andhra Pradesh

The precept of this Strategic Plan 2022–2027 is driven by the institute's core principles of identifying talents of our students, providing them with different platforms, recognizing core competencies of the students and retaining a willingness to experiment with new paradigms. The Plan 2022–2027 has been thought through well and keeping in mind that the college's robust ecosystem and dedicated team, I am confident that CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY will stand out to be unique in its own.

Principal's Message



It is an absolute pleasure to welcome all the aspiring young and creative minds to CIET. I firmly believe that technical and management education is the backbone of our nation and also the stepping stone for a country towards its journey to becoming a developed economy.

At CIET, we are committed to delivering quality technical education through Outcome-Based Education (OBE). Our focus is on developing skilled engineers, innovative thinkers, and responsible citizens who are prepared to meet the challenges of a dynamic global environment.

Under the visionary leadership of Sri Y. V. Anjaneyulu, Chairman of the Chalapathi Group, CIET has consistently strived to stay ahead in the ever-evolving world of technology and education. Our dedicated faculty and staff work tirelessly to create an inclusive and student-centric learning environment, offering personalized academic support while encouraging research, innovation, and lifelong learning.

We provide a student-centric learning ecosystem supported by experienced faculty, modern infrastructure, industry collaborations, research opportunities, internships, and value-based education. Along with academic excellence, we encourage innovation, entrepreneurship, leadership, and lifelong learning.

Our continuous efforts toward academic quality, research, and holistic development ensure that our graduates are well-equipped for successful careers and meaningful contributions to society.

I invite you to explore CIET and become a part of our journey towards excellence, innovation, and professional success.

Dr. M. Chandrasekhar B.E, M.Tech, Ph.D
Principal

Preface

An Engineering institution like any other organization requires high level goals with long range planning and strategies to accomplish the Vision and Mission, which it dreams of. Strategic planning is a continuous process with a specific focus on accomplishing short-, mid- and long-term goals in this highly competitive world. Strategic Development Plan (SDP) analyses current environment expected future scenarios and envisages the direction towards which the institution should move to achieve its set goals and objectives.

The first part of SDP addresses vision, mission and working on bringing out a good quality policy along with core values. These are achieved through many deliberations with all the stakeholders (Management, leadership, HODs, faculty, staff, industry, students, parents and alumni). Scientific scanning of internal and external environment is done through SWOC analysis. After scanning the environment, institutional goals were set up and strategies to achieve them are arrived at for the institution.

Based on Institutional Vision & Mission, the goals are drawn by holding brainstorming sessions with HODs and Professors. Institutional strategic goals and strategies are formed with action plans. The process of implementation is worked out and circulated to all the departments. Financial constraints and fund availability is one of important parameters of SDP. Internal Revenue Generation has been given due importance. SDP evaluation and committees to monitor the effectiveness has been clearly spelt out. The final outcomes are discussed and approved by the Governing Body (GB).

As a good practice, inputs are drawn from stakeholders through active participation and collective inputs. The SDP will streamline the processes and progress of the institution, it will also ensure that CIET becomes a torch bearer among technical education institutions at National level.

Strategic Plan of the Chalapathi Institute of Engineering and Technology College

The Chairman, Vice Chairman, Secretary and the members of the Governing Body have felt the need of preparing a strategic development plan for the institution in a formal written document format. The mandate was given to the Principal to develop strategic plan 2022-2027 for the institution. The management & top leadership team met and brain stormed on SWOC and stake holders' expectations. The Leadership team met a number of times, deliberated in detail and arrived at vision, mission, quality policy and core values for CIET. Environment scanning was done keeping vision in mind. The team also discussed about Institutes strategic High-Level Goals to be achieved by 2027.

Institution strategic goals formed the main theme for arriving at strategies, sub strategies and road to accomplish them. Each Strategy was deliberated and sub-strategies were arrived towards implementation plan. Implementation plan worked out all details such as budget, resources needed and leaders responsible to implement with time lines. This implementation is separately maintained by the head of the institution.

Departments play a pivotal for the institution; hence each department worked out on their vision, mission and short, mid & long term goals. The implementation plan for the departments also reflected all details such as budget, resources needed as well as leader responsible with time lines. HODs form the core team for implementing departmental goals under the guidance of Deans/ Principal.

Strategic Development Plan emphasizes on evaluation measures, monitoring team along with deviation steps, if any, over a period of time. The evaluative components for each stake holder are clearly spelt out along with periodicity of performance evaluation reviews.

The final draft document was discussed with GB and after its detailed review, the suggestions were incorporated towards its effective implementation. This comprehensive plan forms the guiding plan for the years 2022-2027.

Vision of the Institution

The new millennium is witnessing unprecedented challenges and opportunities in higher education, arising from the effect of changing economic policy of liberalization and globalization. Knowledge is increasingly recognized as the main force behind economic growth and development in the context of global economy, coupled with information and communication revolution, the emergence of world-wide labour market leading to significant change in the global socio-political environment across the world. Technical Education plays a vital role in human resource development of the country by creating skilled manpower, enhancing industrial productivity and improving the quality of life of its people. Technical Education covers wide gamut of programs and specializations.

The GOI vision is “To develop and nurture a technical education system in the country which would produce skilled manpower of the highest quality, comparable to the very best in the World and in adequate numbers to meet the complex technological needs of the economy; providing the nation a comparative advantage in the creation and propagation of innovative technological solutions and in the development of a technological capacity of the highest order, both for its application in the economic development of the country and for becoming a major supplier of technology and technological services in the World.”

In tune with the GOIs Vision and other strategic information scanned from other stake- holders in the society, CIET has set its vision as

VISION

“To emerge as an Institute of Excellence for Engineering and Technology and provide quality education, entrepreneurial and research opportunities to the students in catering the needs of society.”



The process of defining and assuring the quality of technical education and training must include consideration for the context in which technical education and training occur. It is also critical to remember that education has many clients.

Leadership in quality technical education to-day has many characteristics that are needed which perhaps were not necessary ten, or fifteen years ago. Technology's impact on how students learn and how teachers teach has had educational leadership think about more innovative ways in which to prepare, deliver, and assess curriculum. It is necessary now to empower our teachers and to lead in a way that reflects unconditional positive regard through relationships and displaying

that they are in the fore-front of change and are key agents of change.

It is equally as imperative stay abreast of current and future trends in business and industry and to encourage technical educators to stay current in their professional and trade areas as well as in pedagogy and research.

Interdisciplinary research is a type of study or research that draws from two or more disciplines in order to gain a better developed perspective, or discover something new. In academic discourse, interdisciplinary typically applies to four realms: knowledge, research, education, and theory. Interdisciplinary knowledge involves familiarity with components of two or more disciplines. Interdisciplinary research combines components of two or more disciplines in the search or creation of new knowledge, operations, or artistic expressions. Interdisciplinary education merges components of two or more disciplines in a single program of instruction. Interdisciplinary theory takes interdisciplinary knowledge, research, or education as its main objects of study. Creativity often requires interdisciplinary knowledge. Many intellectual, social, and practical problems require interdisciplinary approaches, Inter-disciplinarians may help breach communication gaps in the modern academy, thereby helping to mobilize its enormous intellectual resources in the cause of greater social rationality and justice, by bridging fragmented disciplines. Inter disciplinarians might play a role in the defense of academic freedom. Innovation is recognized as a driver of economic growth and poverty eradication. In this context, innovation can be understood in broad terms, including "technical and nontechnical aspects, business model innovation, eco- innovation, demand and user-driven innovation, innovation in services and design, and public-sector innovation."

Innovations in science and technology are an integral component of sustainable development. Sustainable Development is balancing the fulfilment of human needs with the protection of the natural environment so that these needs can be met not only in the present, but in the indefinite future. Inclusive growth means more and more schemes and support to attain the desired rate of economic and human development to foster economic growth, wealth distribution, social justice, adopting suitable technologies and industrial development.

Sustainable development is “development that meets the needs of the present without compromising the ability of future generations to meet their own needs of Sustainable development”. It is important to realize that sustainable development combines three pillars of development: social, economic, and environmental. Inclusive growth is a strategy where the growth will be achieved through certain instrumentalities so that the benefits reach the

Largest section of the society and that the maximum number of people are able to derive benefits from the developmental projects. Generation of employment and livelihood opportunities, poverty reduction, and removal of regional and social disparities, agricultural and industrial growth and environmental sustainability are key elements of inclusive growth.

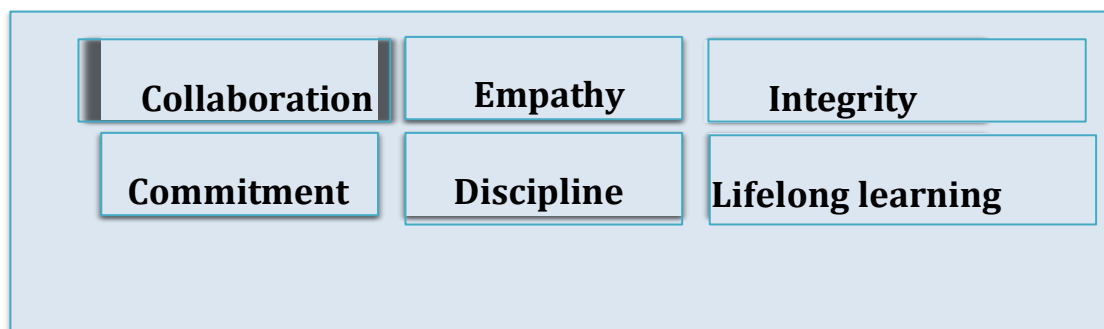
Mission

- To be a student centric institute imbibing experiential, innovative and lifelong learning skills with academic rigor.
- To Produce graduates who are knowledgeable, innovative and empathetic
- To inculcate entrepreneurial attitude and values amongst Learners.

Quality Policy

Chalapathi Institute of Engineering and Technology is committed to achieve appropriate standards and excellence of teaching, research and consultancy by ensuring creative environment with challenging and entrepreneurial opportunities.

Core Values



Accreditations:

The college was duly accredited by NAAC for the period of five years, starting from the year 2016 with CGPA 3.05 a grade. Reaccredited by NAAC in the year 2021 with CGPA 3.05, a grade. Departments of ECE, CSE, and EEE, CIVIL were accredited by NBA in the year 2018-2021 for the period of 3 years, one year extension is given in due to pandemic, reaccredited by NBA in the year 2021-22 for a period of 1 year, Departments of ECE, CSE, and EEE were accredited by NBA in the year 2022-2025 for the period of 3years

1.1 Profile of CIET

The Campus is situated in 10.23 acres covered with gorgeous green environment offering pleasant quality education and research. The college is placed in an independent and voluminous buildings constructed as per the norms and specifications of AICTE, New Delhi.

The burning object of the college is to provide well equipped infrastructure like Laboratories, spacious seminar halls, separate hostels for both boys and girls, canteen, Playground having good ambience, language labs etc. This makes the students to concentrate on academic learning which provides quality education with ethics in holistic environment.

The College offers 9 UG and 2 PG programmes. Brilliant and meritorious candidates with top EAMCET ranks are seeking admission in CIET especially in CSE, CSIT, CSE-AI, CSE-DS, CSE-AIML, CSE-CS, ECE, EEE and CIVIL etc. More than 90% of the students are being placed in top class Companies through campus placements. The remaining students are pursuing their higher education or Going for Govt. sector jobs. A team of educated, enlightened, experienced technocrats with vision, firmly determined to promote high quality education is striving to provide every facility for achieving excellence.

Undergraduate Programmers (09)

- B.Tech – Civil Engineering (CE)
- B.Tech – Computer Science and Engineering (CSE)
- B.Tech – Electronics and Communication Engineering (ECE)
- B.Tech – Electrical and Electronics Engineering (EEE)
- B.Tech – Computer Science and Information Technology (CSIT)
- B.Tech – Computer Science & Engineering (Artificial Intelligence and Machine Learning)
- B.Tech – Computer Science & Engineering (Cyber Security)
- B.Tech – Computer Science & Engineering (Artificial Intelligence)
- B.Tech – Computer Science & Engineering (Data Science)

Post-Graduate programs (2 M.Tech)

- M.Tech – Computer Science and Engineering
- M.Tech – VLSI and Embedded Systems

Quality Initiatives IQAC

- NBA accreditation and NAAC reassessment
- NIRF participation
- Academic Administration Audit Planning
- Training Program for Faculty members
- E-Resource Development
- Outcome Based Policy-
- Webinar Series
- Structured Committee Activities

1.2 Why Strategic Plan?

Strategic



During the past decade, engineering and management education has undergone immense changes. While the demand for excellent quality education has increased steadily, the number of technical institutes students and faculty. It is essential in this dynamic environment to determine the strategic objectives and quantifiable targets, measuring the performances of the predetermined indicators, and monitor & evaluate the strategic plan. It is a participative approach that enables the institute to prioritize the resources in accordance with the objectives mentioned in the strategic plan.

Strategic planning process was conceived as an IQAC initiative. The IQAC, with the inputs of principal, heads of departments, section in charges and senior faculty members developed the strategic plan. The plan is aligned with the institute's vision, mission, and goals and capable of guiding strategic decisions and action plans

Strategic plan is an important tool for a college to manage itself effectively because it:

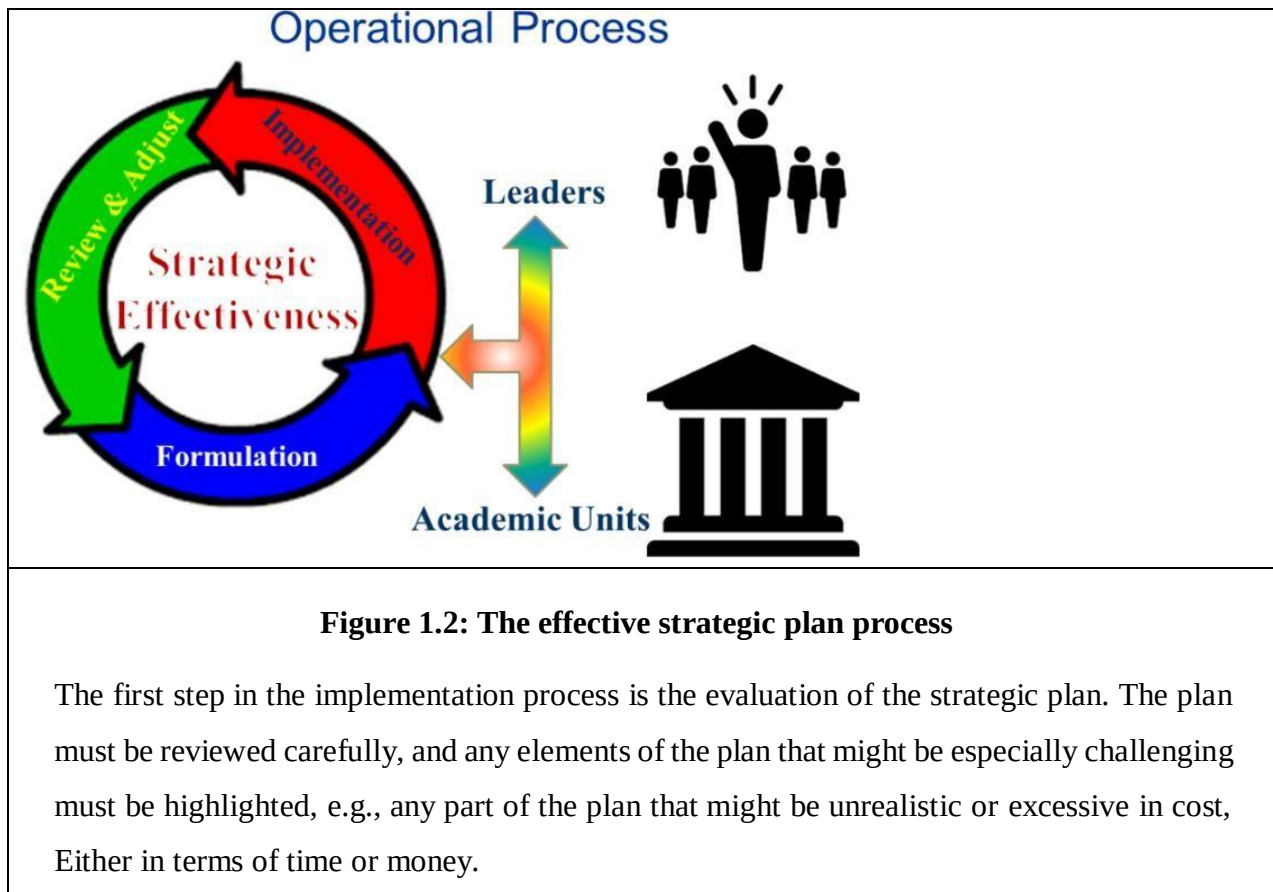
- provides a framework for effectiveness and sense of direction
- outlines the goals and measurable targets
- is useful for guiding day-to-day actions
- helps in evaluating progress and changing approaches when moving forward

It is an iterative process at both the stages, i.e., while framing and when implementing as well, as shown in Figure 1.



Figure 1. Strategic plan cycle

The plan is developed to establish deep roots that provide firm foundation for the constant up-gradation of the institution, as well as to energize the drive of experimentation and innovation, keeping the focus on Institution vision and mission. The strategic plan sets out a framework of priorities for the Institution.

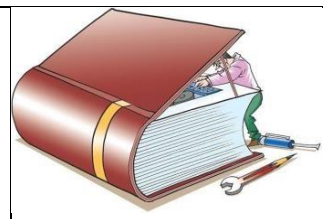


Deployment of teams, with assigned team leaders, is necessary to implement the plan. Monitoring progress with a close watch on the collective efforts and timelines will lead the team towards accomplishments. At the same time, fine-tuning may be applied to the strategy, if required.

Stake Holders' Expectations

Management	• Global Brand • Sustainability • Good Governance • University Status • Social Responsibility
Leadership Team	• CIET ranking within top 100 in India • CIET ranking within top 5 in Andhra Pradesh • Competent Faculty • Internal Revenue growth for sustainability • Industry oriented /continuing education programmes • Bench marking through Accreditation of programs and institution • Creation of Centers of excellence
Faculty & Staff	• Good academic & working ambience • Career growth, Research facilities & incentives • Academic independence with accountability • Transparency and uniform processes
Students	• Good academic & research ambience • Support for co-curricular & Extracurricular activities • State of the art infrastructure • Experiential learning & Opportunity for talent exposure • International learning at affordable cost • Quality Placement, career guidance and entrepreneurial opportunities
Parents	• Branding • Quality teaching- learning • Disciplined students • Good placements
Industry	• Industry ready professionals with proper attitude • Strong fundamentals • Strong Industry-Institution interaction • Collaborative research, consultancy
Society & Others	• Brand and accreditations of the institute • Graduates with Moral, Ethical and Responsible citizenship • Social service activities by the institution • Skill development for needy • Global Certifications of world Reputations

1.3 Environmental Assessment and Analysis



Economic Factors are analyzed, GDP is at 7.7 % for 2020-2021, with new government in place, GDP is likely to grow to more than 12%. Huge opportunities may come up in terms of placement, Higher Education, research and innovation. This will have a positive impact for the institutes providing quality education and research.

Social Factors were analyzed and the parent community and society are encouraging their wards and looking for placements but not on real education which will enhance knowledge. This trend may pose grave dangers in the years to come. Placement should be one of the goals in students mind but not the only goal, this trend will bring down the curtains on innovation and entrepreneurship.

Technological Factors were discussed and the extensive use of technology in teaching-learning need to be a key enabler in higher education. Emerging technologies and need for training faculty to face these challenges. E-learning /online learning/online examination may replace traditional class room teaching-learning practice. The faculty need to change their pedagogical skills to match these challenges.

Political Factors at the state & center are not favoring faculty in research facilitation for those working in private institutions. Also there is no clarity on admission policy and fee structure from government which could be a challenge. Higher education is getting a big priority from political decision making. National Skill Development is the need of the hour and funding with a specific focus on building skill inventory needs to be strategically planned.

Regulatory Factors are of concern as CIET though being autonomous is plagued by several unscheduled inspections, the slow pace of Accreditation is also a worrying factor though CIET is the most preferred institute to pursue technical education.

Entering of Foreign Universities may pose a great challenge in the years to come in the form of competition. No immediate challenges seen for CIET. However, faculty retention and need to look into curriculum reforms to keep pace with flexible system of foreign universities needs an immediate looking in.

Market /Competition Factors are posing some challenges as many Deemed /Private state universities- Industry lead universities are getting started in many states. Infrastructure and funding may not be a differentiator any more. Quality teaching, research, ambience and placements could be critical factors. There needs to be a serious thought on incentives for performers for this a consensus has to be arrived at. An internal IQAC will take care with external experts.

1.4 Competitive Analysis and Benchmarking

Benchmarking

It is the continuous action of comparing a process, a product or a service with a similar activity, known as being the best in that field, with the purpose of establishing ambitious but real improvement objectives and actions so as to become and keep the number one position among the best within a reasonable period of time.



We did a benchmarking exercise with regards Bapatla Engineering College, RVR JC college of Engineering with respect to student strength; faculty-student ratio; research outcome; and rankings. This exercise provided us insights into our strengths and weaknesses.

1.5 SWOC Analysis

The more commonly used practice in strategic planning is to do SWOT analysis. However, for the educational institutions, threat is to be considered as challenge, and hence SWOC analysis stands for: Strengths, Weaknesses, Opportunities and Challenges. It is a simple analysis system designed to check the strategic position of a particular university in its field of operation, and because of its methodological simplicity.

Strengths

- Good Brand
- Committed Visionary Management
- Autonomous
- Best Faculty
- Decades of Expertise
- Good Placement
- Good greenery Campus & Infrastructure
- Recognized Research Centre
- Rural location giving very good ambience for studies Open spaces in campus supplement to elevate the grandeur of the environment and provide calm, peaceful and conducive atmosphere for academic pursuit



Weaknesses

- Geographical disadvantage to attract excellent staff and students
- Student's intake from poor socio-economic background with low entry level scores and poor language competence
- No control over selection of students
- Even though academically autonomous, no full freedom to frame industry/ research-oriented curriculum right from the first year.
- Located far away from industries



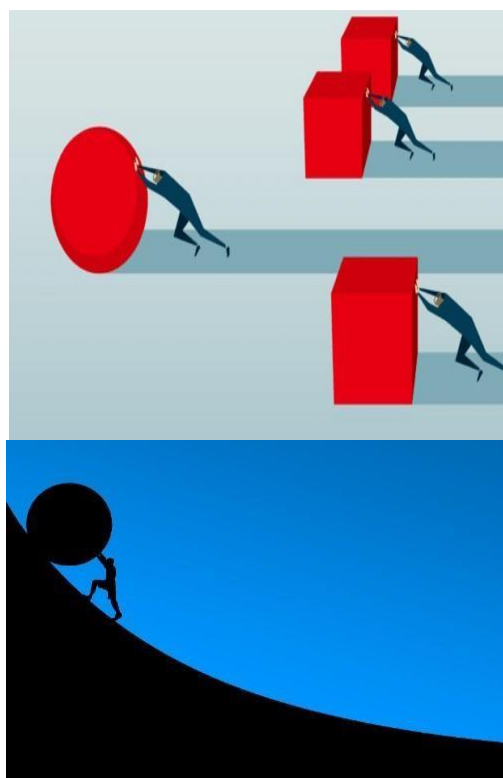
Opportunities

- New courses in Engineering
- Continual education with industries
- Innovative learning and teaching
- Global Initiatives
- Use of latest technology (ICT)
- Collaborative Research & Development activities with industries
- Developing more centers of excellence.
- Consultancy opportunities
- To develop research centers in every department and get research grants
- University status



Challenges

- New emerging technologies
- Training 'Generation Z' for 'Industry 4.0'
- Competition-Admission of Quality Students
- Faculty retention.
- Continuation of Industry Recession
- Too many private Universities getting started
- To get adequate number of full-time PhD students for enhancing research outcomes. To maintain the higher teachers cadre ratio due to due to scarcity of competent Ph.D. holders
- Rapid changes in all the disciplines and correspondingly changing expectations from industry and society
- Impediment in generating funds from Tuition fees due to government delayed procedures.



1.6 Positioning Analysis

Analysis of the present position of the college is to be done based on various rankings. We intend to emerge as the top ranked college in Andhra Pradesh. We strive to emerge among the top five state colleges and among top 100 colleges in India.

1.7 Strategic Goals

Considering the vision mission quality policy core values SWOC analysis, following strategic goals were finalized by the members of the IQAC committee to improve the quality and quantity of research, holistic development of students, engagement with industry and alumni, and enhance the student experience



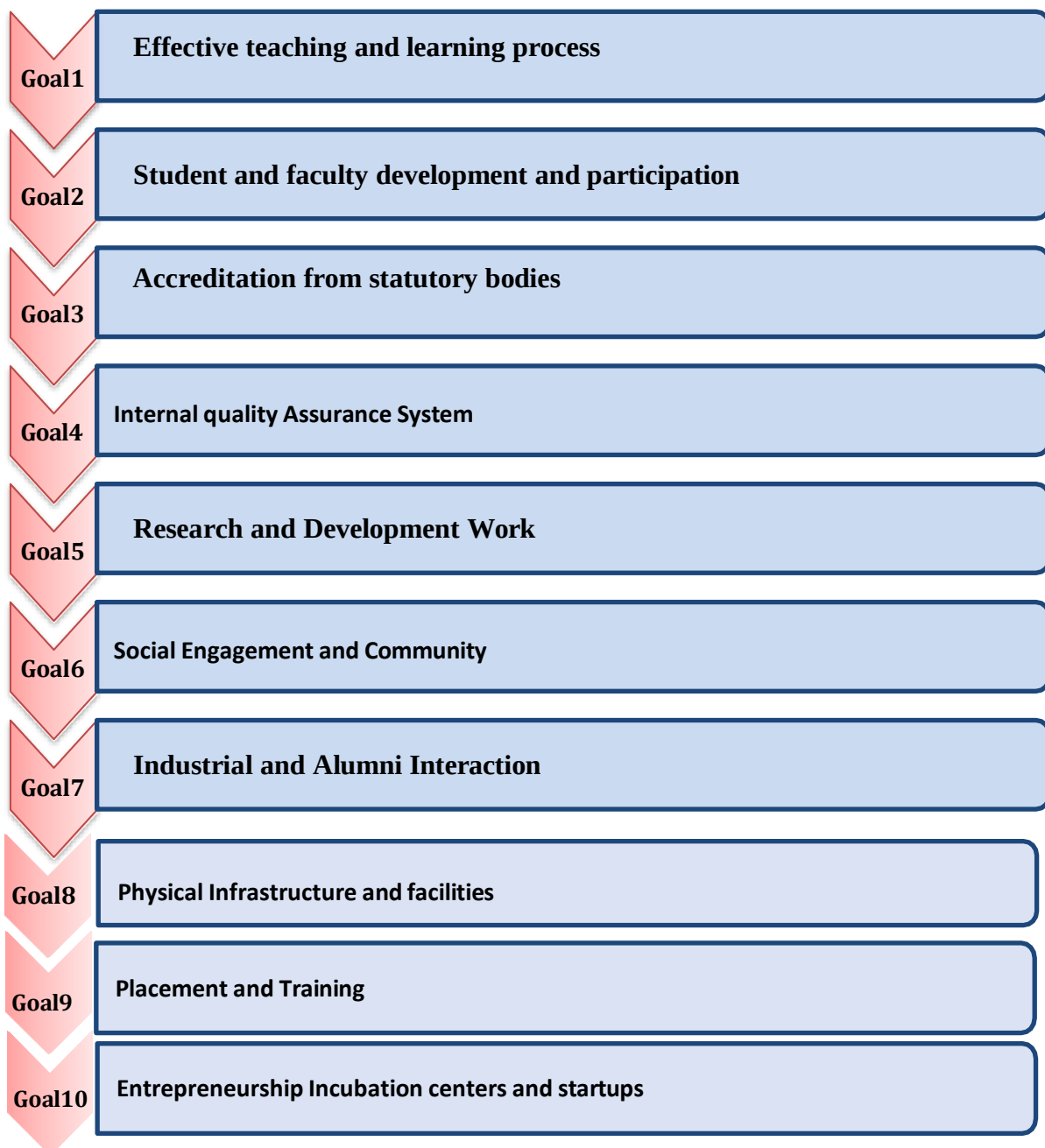
Short Term Goals

- Quality assurance and endurance through Accreditation NBA and NAAC
- Academic excellence by achieving by 100% pass in examinations
- Encouraging students' participation in co-curricular, and extracurricular activities
- Honing life skills of the students
- To conduct add-on programs relevant to Industry
- Organizing programs on entrepreneurship
- Arranging 100% placement for students
- To start new UG/PG programs in emerging areas thus improving the potential of employability among students

Long Term Goals

- To attain the status of Center of Excellence in Technical Education and Research
- To be ranked at top in the list of NIRF Technical institutions in India
- To offer viable programs of relevance for upliftment of rural students and populace
- To integrate the academics and R&D programmes by forging alliances with research organizations, government entities, industries and alumni.

1.8 Strategies, Targets and Implementation Plan



1.9 Strategic Planning and Deployment

Strategic Plan	Deployment
Effective teaching and learning process To sustain in the current competitive environment, it is immensely important to impart high-quality education. Thus, it is essential to bring rigor to academic processes. The first step towards the same is to strengthen the planning of academic and administrative activities throughout the academic year. Institute has a well-planned teaching-learning process and has a robust methodology for rolling out the process. The institute believes in quality teaching. Content delivery and dissemination methods are continuously updated to make teaching-learning more prolific.	• Adopting innovative teaching methods • Content delivery- traditional teaching methods be supplemented with lecture management through digital platform methods (e-content / assignments/ PPTs etc.) • Encouraging e-learning • Developing Interactive learning by using videos, presentations, software and labs • Implementing Project based learning • Regular feedbacks from the students • Enhancing overall personality and confidence of student • Providing career and personal mentoring and counselling to students • Continuous assessment by the multiple layers of hierarchy • Establishing virtual labs and latest technology trends in department • Additional content on Institute's E-learning Portal and encouragement of MOOCs and NPTEL
Student and faculty development and participation	• Training sessions and Guest lectures on confidence building, motivation and life skills for students and faculties • Formation of department forums and student's committee • Organizing various competitions and social events at institute and departmental level for encouraging participation by students and faculties • Rewarding the best performers and achievers in academics and in co-curricular activities. • Developing facilities for recreation • Establishing Research and Innovation cell
Accreditation from statutory bodies	• Formulation of plans by top management and IQAC committee • Resource and funds planning • Constituting committees • Inspection of the available institute and departmental data • Creating and organizing all the required institutional and departmental data • NBA and NAAC accreditation with good grade • NIRF Ranking

Internal Quality Assurance System	• Reviewing and updating IQAC plans and policy • Reframing of IQAC members and coordinator • Framing vision and mission department wise for quality working • Regular evaluation IQAC activities by the top management Developing effective IQAC initiatives for the quality improvement of the institute • Initiating quality related suggestions from staff, faculties, students, alumni, employers and management • Identifying the changing trends in the global education sector and implementing the required
Research and Development Work	• Funds raising projects and proposals for the research work • Apply for various governmental schemes for funds and grants • Creating a dedicated Research and Development cell • Conducting seminars/ conferences on recent and upcoming trends and technology Providing effective and updated Research facilities • Identifying and listing various schemes and policies of the government and educational bodies.
Social engagement and Community service The institute expects that such engagements are required to build the perspective and to create the awareness among faculty and students about the needs and issues of the society.	• Resource and funds analyzing for the social and community activity • Analyzing the social and community requirements in the surrounding rural areas • Promoting and sponsoring educational awareness • Initiating the NSS and departments to design and organize community development drives and events • Encouraging students to participate in social and community activities Organizing various social activities in college • Conducting student's visits to ashrams, old age and orphanage homes
Industrial and Alumni Interaction Alumni is one of the key stakeholders of the institute. The feedback received from the alumni is vital for the progression and growth of the Institute. Institute has Alumni committee in place to manage alumni interactions.	• Dedicated faculties and organized activities for alumni interaction building • Establishing dedicated Alumni cell • Generating and maintain the database of all alumni and industrial contacts • Recognition of successful alumni • Engaging faculties and students with alumni and experienced industrial persons by inviting them for guest sessions • Focusing on developing professional relations, generating sponsorships and signing MoUs with the industries • Supports for internships, visits, training and guest seminars

	• To start alumni chapters in prominent places where most of our alumni are employed or doing business • To create an eco-system for alumni to give back to the Institution in cash or kind • Increase social media presence of CIET in Facebook, LinkedIn
Physical infrastructure and facility	• Enhancing the classrooms and laboratories • Planning and analyzing the requirement of facilities • Establishment of e-learning and virtual labs • Establishing various cells for dedicated purpose • Enhancing basic amenities of the college • Upgradation of departments and library • Improving safety and security management • Adopting efficient and economical sources for power, water and waste management • Dedicated staff for infrastructure maintenance and regular audit of the facilities
Placements, Internships & Career Guidance	▪ Supports for internships, visits, training, guest seminars, Carrier guidance Dedicated team ▪ Modernization of infrastructure (interview & conference rooms) ▪ Video recording of mock up interviews of students and feedback ▪ Awareness programmes ▪ Company specific training programmes
Entrepreneurship and Incubation	• Establishment of dedicated EDP cell • Identification of emerging areas of entrepreneurship • To identify students who are possessing entrepreneurial interests • To organize special awareness and training for students in developing the requisite skill set for entrepreneurship with the participation of successful entrepreneurs • To arrange for interactions of students with Angel investors and other financial entities for prospective funding for their ideas • Gap year concept • To establish incubation centers in specialized areas of Engineering • To encourage students and faculty to establish research and development start-ups on campus

1.10 Monitoring and Alignment: Structure and Systems

Monitoring of plan implementation will be done institute level. The plan will be implemented and closely monitored by a core team that will meet in three months and review the progress. Besides, the Institutional Committee will hold review meetings on a monthly basis and will facilitate the proper implementation of the strategic plan.

1.11 Conclusion

The Strategic Development Plan (SDP) is an outcome of management commitment, institute leadership commitment, steering committee's detailed deliberations with all the stake holders. This collective wisdom ensures participation, ownership of the plan among all the stake holders. The institutional strategic goals have strategies: strategies have sub strategies with detailed implementation plan to ensure success and sustainability over a period of time. The execution and operational implementation is monitored by stringent evaluation standards and speaks the quality of the strategy itself. The caveat is strategy itself can do nothing but its implementation holds the key. The strategy is not static document but dynamic due to continuous changing environment and it is an ongoing process to evolve as per the necessity.

The strategic plan is an effort to sketch down a pathway for the development and accomplishing the goals of the institute. The framework is designed for conveying the goals of the institute for upcoming years. The proper implementation of strategic and regular evaluation will be carried out through team work with good spirit to lead success and sustainability over the time.

Goal 1: Effective teaching and learning process

Goal 2: Student and faculty development and participation

Goal 3: Accreditation from statutory bodies

Goal 4: Internal Quality Assurance System

Goal 5: Research and Development Work

Goal 6: Social engagement and Community service

Goal 7: Industrial and Alumni Interaction

Goal 8: Physical infrastructure and facility

Goal 9: Placement and Training

Goal 10: Entrepreneurship Incubation centers and startups

COURSES

UG Courses:

- COMPUTER SCIENCE AND ENGINEERING
- COMPUTER SCIENCE AND INFORMATION TECHNOLOGY
- COMPUTER SCIENCE AND ENGINEERING - AI
- COMPUTER SCIENCE AND ENGINEERING - DS
- COMPUTER SCIENCE AND ENGINEERING - CS
- COMPUTER SCIENCE AND ENGINEERING - AIML
- ELECTRONICS AND COMMUNICATIONS ENGINEERING
- ELECTRICAL AND ELECTRONICS ENGINEERING
- CIVIL ENGINEERING

PG Courses:

- COMPUTER SCIENCE AND ENGINEERING
- VLSI & ES

