STRATEGIC DEVELOPMENT PLAN

2024 -2029

SIR MOKSHAGUNDAM VISVESVARAYA
(1861-1962)

Our Inspiration

Preamble:

Strategy involves utilizing an organization's internal resources to effectively respond to external circumstances in order to achieve success. Strategic planning encompasses the process of documenting and setting a course for the progression of Sir M. Visvesvaraya Institute of Technology (Sir MVIT). This involves evaluating the institution's current trajectory and charting its future direction. The strategic plan serves as a repository for the institution's mission, vision, values, long-term aspirations, and the actionable steps that will guide its attainment.

A thoughtfully constructed strategic plan plays a pivotal role in fostering the growth and triumph of the institution. It provides clear guidance to both the institution and its staff on how to adeptly address prevailing opportunities and obstacles. Strategic planning entails a forward-looking procedure that should encompass all facets of the institution's operations. Through substantive discussions, this process can drive substantial adjustments in the institution's educational endeavors.

Strategic planning involves an assessment of the institution's strengths, weaknesses, opportunities, and challenges, culminating in the establishment of attainable objectives. It leads to the formal creation of a document outlining Sir MVIT's perspectives and ambitions for the future.

This method serves as a mechanism for determining major trajectories for departments, units, or the institution as a whole. It draws on the theoretical foundations of institutional management theory, examining both internal and external contexts to make decisions concerning future institutional goals. This strategic approach, combined with visionary actions, systematically steers the development of open educational resources and practices for the future.

In essence, strategic planning furnishes a structured roadmap dictating the execution of specific strategies by the institution. Once a sense of direction is established through this process, the institution can navigate its path more seamlessly, propelling it to an extraordinary level of achievement.

To ensure the efficacy of strategic planning, careful consideration should be given to the articulated strategic objectives by the institution.

About Sir MVIT

Established in 1986 under the Sri Krishnadevaraya Educational Trust (Sri KET), Sir M. Visvesvaraya Institute of Technology (Sir MVIT) stands as a respected institution in Karnataka, India. This institute provides a range of academic programs including ten B.E. degree programs in Artificial Intelligence & Machine Learning, Computer Science & Engineering, Computer Science & Engg.(Internet of Things & Cyber Security including Block Chain Technology), Biotechnology Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Electronics &Telecommunication Engineering, Information Science & Engineering, Civil Engineering, Mechanical Engineering, and five Masters Programs, Master of Business Administration (MBA), Master of Computer Applications (MCA), M.Tech. in Mechanical Engineering (Computer Integrated Manufacturing), M.Tech. in Electronics, M.Tech. in Biotechnology & Biochemical Engg.

Sir MVIT is affiliated with Visvesvaraya Technological University and holds approvals from the All India Council for Technical Education in New Delhi. Notably, it holds accreditation from the National Board of Accreditation in New Delhi for its six programs (Computer Science & Engineering, Biotechnology Engineering, Electrical & Electronics Engineering, Information Science & Engineering, Civil Engineering, Mechanical Engineering, and is certified under ISO 9001:2008 standards. Thirteen departments are recognized as Research and Development centers by the University.

Occupying an expansive 133-acre campus adjacent to Ballari Road near the Yelahanka Air Force station, close to Bengaluru International Airport (approximately 21 km from Bangalore city railway station), the institute accommodates over 3085 students and boasts a faculty comprising

more than 167 experienced members. Its facilities encompass well-equipped laboratories, seminar halls for each department with multimedia capabilities, and project labs. The institute prides itself on its highly qualified faculty, cutting-edge laboratory resources, comprehensive library, and high-speed Internet center, resulting in nearly perfect placement rates.

Sir MVIT's commitment to excellence has been recognized by "Dataquest" magazine, which ranked the institute as the top engineering college in the state. The campus, covering 53.8 hectares, hosts various departments interconnected by an optical fiber backbone network. Extensive amenities are present, including Men's and Women's hostels, Ladies' amenities center, staff quarters, guest house, cafeteria, 12.1-hectare outdoor sports facilities, and an indoor games complex. The institute addresses its power needs through a dedicated HT power connection from BESCOM and its own Captive Power generating units. To ensure accessibility, the institute operates its fleet of buses connecting different parts of the city. All students are provided with life and medical insurance coverage.

A dedicated training and placement cell, overseen by an experienced HR/HRD professional, focuses on fostering career opportunities for students. Beyond academics, ample provisions are in place for sports, games, and cultural activities.

The vision of Sir MVIT is to attain autonomy as an institute and subsequently establish itself as a renowned Deemed University. This vision is driven by the collective efforts of the management, faculty, and students.

Sir MVIT Academic Programs

Academic Programs	Bachelor of Engineering	Intake
	Civil Engineering	60
	Computer Science and Engineering	180
	Information Science & Engineering	120
	Electrical & Electronics Engineering	120
	Electronics and Communication Engineering	120
	Mechanical Engineering	120
	Biotechnology Engineering	60
	Electronics & Telecommunication Engineering	60
	Artificial Intelligence & Machine Leaning (AI & ML)	60
	Computer Science (IOT & Cybersecurity including Blockchain Technology)	60
	UG Total	**960**
	Post Graduation Programs	
	Department of MBA	120
	Department of MCA	60
	M.Tech. in Computer Integrated Manufacturing	18
	M.Tech. in Electronics	13
	M.Tech. in Biotechnology and Biochemical Engineering	18
	PG Total	**223**

Student Organizations & Clubs

Student Organizations & Clubs	
	ISTE Student Chapter
	IEEE Student Branch
	IETE Student Chapter
	CSI Student Chapter
	ASME Student Chapter
	ICI Student Chapter
	Internal Compliance Committee / Committee for Prevention Of Sexual
	National Service Scheme
	Sir MVIT Alumini Association
	Entrepreneurship: E-Cell
	Institution Innovation Council-IIC
	Music Club – "SUNAADA"
	Dance Club - "LAASYA"
	Fine Arts Club – "KALAKRITI"
	Theatre Club –"RANGATARANGA "
	Literary Club – "ALEKHYA"
	Kannada Club – "HONGIRANA"
	English Club – "YAAVANI"
	Sports Club – "CHETANA"
	ECO Club – "NISARGA"
	Social Outreach Club – "SPANDANA"
	Indian Knowledge System Club –" VIDYA BHARATHI
	Club for conduction of AICTE / VTU Initiated activities – " SAMBHRAMA"
	Photography Club – "SUCHITRA"
	Press Club – " PRACHAARA"
	YOGA club – "VIKASANA"
	Innovation Club
	ROBOTICS & Computer Vision Club
	The passionate coders club– GLUG
	Automobile HUB
	Tech HUB

Sir MVIT Achievements of the Institution

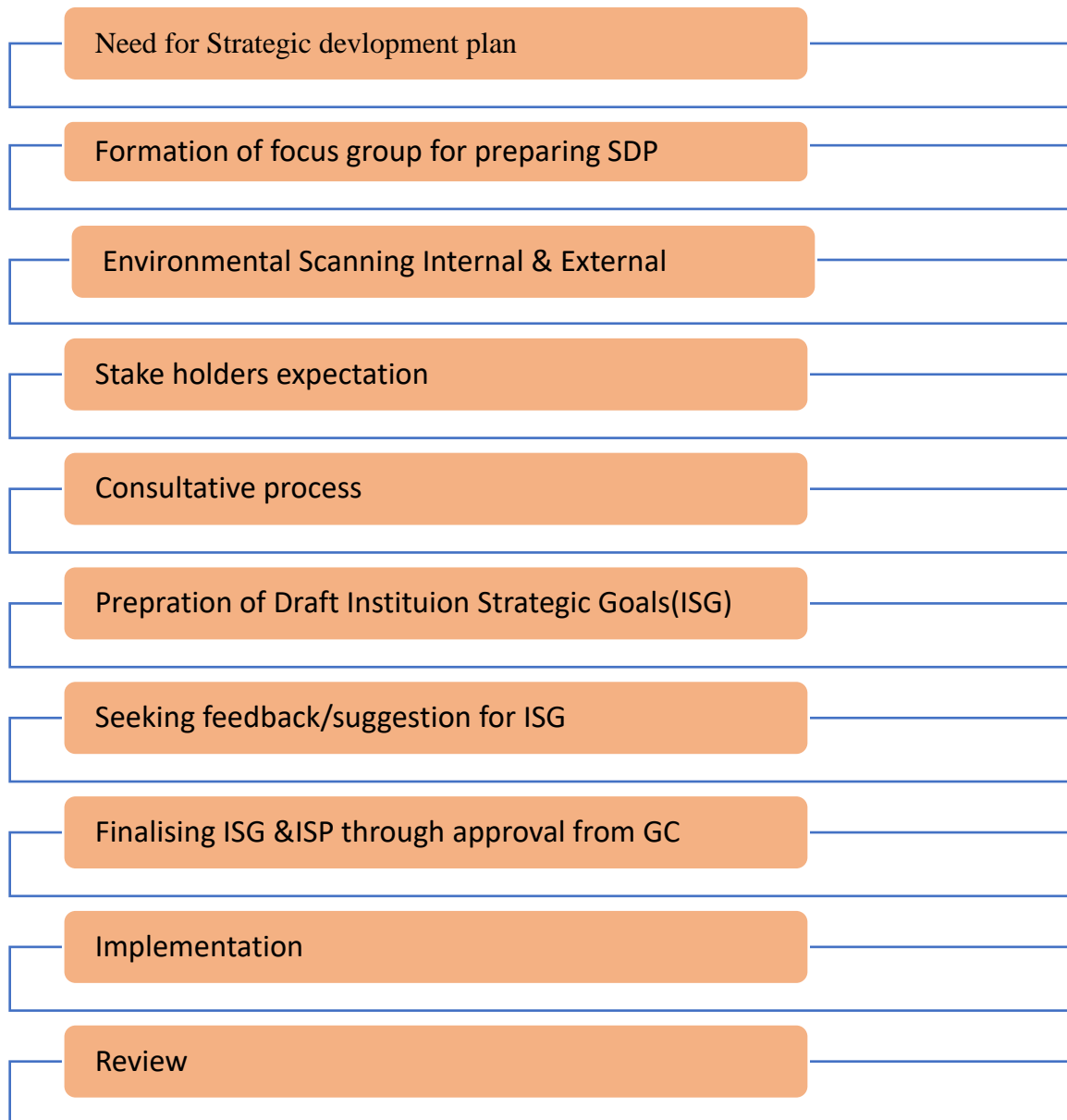| Achievements	
	Membership of Professional Societies (ISTE, CSI, IEEE, IETE) & NPTEL, ICI, ASME
	3 Incubation centers established in the campus
	13 R&D Centers, guiding 69 Ph.D. scholars & Funded projects worth 2.96 Crores.
	10 MOUs signed with Industries
	Good University Result, Consistent Ranks & Placements with high package
	Effective Quality Management System (IQAC) for continuous improvement
	Organized 2 International and 11 National Conferences
	Technical Events conducted on regular basis (FDP/SDP/WS/GL/Tech.Fest)
	Hosted VTU Cultural Fest & Sports Meet on 3 occasions (2011, 2015 & 2017)
	Recipient of VTU Sports Achiever Awards for 2013 and 2018
	Alumni Association, Annual Alumni meet and Alumni Contribution

Salient Features of the Campus- Sir MVIT

Salient Features of the Campus	
	Green campus with good academic Ambience
	Good infrastructure with modern amenities
	Hostel facility for both Men and Women
	Centralized library with department library
	Emphasis on cultural activities through Kala Kaustubha
	Transportation facility
	Campus with good security system and with camera vigilance
	Campus with wi-fi facility to all
	Convenience shop, ATM facility with in the campus
	Sports, NSS & social activities etc.,
	Cluster of Seminar halls and Auditorium
	Scholarship for meritorious students
	Health center with in the campus
	Solar plant for self-reliance
	RO-plant for safe hygienic drinking water
	Provision for sanitization at appropriate places and good wash rooms
	Counseling and mentoring for students
	Dedicated faculty with high retention
	Self-sustenance through solar energy system

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Process of Strategic Plan Development

- Need for Strategic devlopment plan
- Formation of focus group for preparing SDP
- Environmental Scanning Internal & External
- Stake holders expectation
- Consultative process
- Prepration of Draft Instituion Strategic Goals(ISG)
- Seeking feedback/suggestion for ISG
- Finalising ISG &ISP through approval from GC
- Implementation
- Review

Need for Strategic Development Plan (SDP):

A strategic plan sets the course for the institution, guiding its actions and endeavors to ensure continual growth within a competitive landscape. By delineating a clear path, the strategic plan enables the institution to navigate from its current position to its desired destination. As a result, strategic planning becomes instrumental in honing the institution's objectives, pinpointing crucial areas for concentrated efforts, and fostering alignment towards achieving these goals.

Formation of focus group for preparation of SDP:

Focus group is that group which is assigned the task of looking into various parameters of the strategic development plan and develops a robust, sustainable and constructive institution strategic plan.

Strategic Planning Committee	Prof. Rakesh S. G.	Principal	Chairman
	Dr. Priyanka Sharma	HoD-MBA	Convener
	Mr. Prabhakar Raju	Chairman – Academic Committee; Trustee, Sri KET	Member
	Dr. K.S. Shanmukharadhya	HoD-ME	Member
	Dr. H.G. Nagendra	HoD-BT	Member
	Dr. H.L. Suresh	HoD-EEE	Member
	Dr. V.G. Supriya	HoD-ECE	Member
	Dr. E. Kavitha	HoD-ETE	Member
	Dr. G.C. Bhanuprakash	HoD-ISE	Member
	Dr. T.N. Anitha	HoD-CSE	Member
	Dr. Vanipriya	HoD-MCA	Member
	Dr. Ravi Kumar H.	HoD I/c.-CV	Member

Environmental Scanning-Internal:

Environmental scanning plays a pivotal role in facilitating a comprehensive analysis, thereby driving the institution to achieve the most effective utilization of its resources. This pertains to a spectrum of resources, encompassing capital, human assets, and other components vital to production, making their optimal deployment crucial for any operational entity.

Concurrently, internal scanning involves the meticulous identification, analysis, and comprehension of the organization's inherent strengths and weaknesses. This inward-looking assessment empowers the organization to scrutinize its performance, derive insightful conclusions, and consequently establish higher standards of achievement.

Back ground Information and Situation Analysis:

In 1985, a collective of 19 philanthropists, primarily hailing from the Raju Kshatriya community and recognized as the Sri Krishnadevaraya Educational Trust, emerged with a unified goal: to establish educational institutions characterized by comprehensive excellence. One of the distinguished outcomes of this endeavor is the Sir MVIT, an esteemed institution within Karnataka.

Sir MVIT acknowledges the necessity to cater to students' multifaceted requirements beyond conventional classroom instruction. The institution endeavors to equip its students with supplementary skill sets that enable them to effectively compete within the global arena. Rooted

within its framework, Sir MVIT holds a clearly defined vision, mission, quality policy, and core values that guide its course.

Vision

VISION	To be a centre of excellence in technical and management education concurrently focusing on disciplined and integrated development of personality through quality education, sports, cultural and co-curricular activities. To promote transformation of students into better human beings, responsible citizens and competent professionals to serve as a valuable resource for industry, work environment and society.

Mission

MISSION	· To impart quality technical and management education, provide state-of-art facilities, achieve high quality in teaching-learning & research and encourage extra & co-curricular activities. · To stimulate in students a spirit of inquiring and desire to gain knowledge and skills to meet the changing needs that can enrich their lives. · To provide opportunity and resources for developing skills for employ ability and entrepreneurship, nurturing leadership qualities, imbibing professional ethics and societal commitment. · To create an ambiance and nurture conducive environment for dedicated and quality staff to up-grade their knowledge and skills and disseminate the same to students on a sustainable long term basis. · To facilitate effective interaction with the industries, alumni and research institutions.

Quality Policy of Sir MVIT

QUALITY POLICY OF Sir MVIT	We shall consistently endeavor to achieve high standards of Quality in technical education and integrated personality development of students so as to meet the continuing demands of society

Core Values of SIR MVIT

CORE VALUES OF Sir MVIT	S - SOCIETY AND SUSTAINABILITY I - INTEGRITY & IMAGE BUILDING TEAM R - RESEARCH FOR REAL WORLD M - MULTIDIMENSIONAL MOTIVATION V - VISION & VISIBLITY I - INTELLECTUAL EXCELLENCE & INNOVATION T - TEAM WORK & TRANSPARENCY

Environmental Scanning -External:

External scanning entails the systematic identification, analysis, and comprehension of the diverse opportunities and threats existing beyond the organizational boundaries. This practice empowers the organization to proactively equip itself for forthcoming challenges while capitalizing on emerging opportunities.

Current Scenario of Higher Education system - an over view:

India is vigorously marching toward economic advancement and modernization, pinning its hopes on high-tech sectors like information technology and biotechnology to propel the nation toward prosperity. Regrettably, this strategy is compromised by the frailty of its higher education system. Recent years have witnessed a systematic disinvestment in higher education, yielding neither globally recognized

research nor a substantial pool of skilled scholars, scientists, or managers to sustain the growth of high-tech sectors.

In the race for knowledge supremacy in the 21st century, India holds significant advantages. It boasts an extensive higher education landscape, ranking as the world's third-largest in terms of student enrollment, trailing only China and the United States. English serves as the predominant language for higher education and research. Rooted in a longstanding academic heritage, India upholds academic freedom. Despite a few high-quality institutions, departments, and centers that serve as potential anchors for quality education, the decentralized nature of higher education, where states wield significant control over central governance, results in a somewhat unwieldy structure. Nevertheless, the weaknesses overshadow the strengths.

While India educates around ten percent of its youth in higher education, major industrialized countries enroll over half, and China accommodates fifteen percent. Global academic systems generally resemble pyramids, featuring a top-tier of exceptional quality and a broad base. India's top tier remains minute, with none of its universities occupying a commanding position globally. Although a handful of universities house excellent departments and centers, only a limited number of undergraduate colleges stand out. Presently, world-class institutions primarily consist of the Indian Institutes of Technology (IITs), the Indian Institutes of Management (IIMs), and a few others like the All-India Institute of Medical Sciences and the Tata Institute of Fundamental Research. These institutions collectively enroll less than one percent of the student populace.

However, India's colleges and universities are, for the most part, large, underfunded, and challenging to manage. Inadequate investment in libraries, information technology, laboratories, and classrooms impede the delivery of high-quality instruction and cutting-edge research.

Currently, higher education is undergoing a transformative phase, with significant changes on the horizon, particularly in the realm of technical education. The Indian government has introduced several measures to invigorate the technical education system, aligned with the National Educational Policy 2020. This policy's implementation promises a radical shift in technical education, emphasizing experiential learning over theoretical instruction.

The NEP's enforcement will facilitate multidisciplinary learning, enabling students to grasp subjects aligned with contemporary trends. It will expose students to diverse engineering fields, equipping them to confront challenges effectively. Should these developments materialize as intended, they could stimulate greater student interest in pursuing higher education, ultimately meeting corporate expectations. Simultaneously, efforts should be directed toward mentoring and guiding students and parents, fostering and nurturing their interest in higher education.

Implementing these practices could pave the way for promising outcomes in the near future, elevating the percentage of student enrollment, particularly in technical education institutes.

Stake- holders Expectation

Management

- Global Brand
- Sustainability
- Good Governance
- Autonomous/University Status
- Social Responsibility

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
- Quality Placement, career guidance and entrepreneurial opportunities

Students

- Branding
- Quality teaching- earning
- Disciplined students
- Good placements

Industry

- Industry ready professionals with proper attitude
- Strong fundamentals
- Strong Industry-Institution interaction
- Collaborative research, consultancy

Society & Others

- Graduates with Moral, Ethical and Responsible Citizenship
- Social service activities by the institution
- Skill development for needy
- Resource centre for other institutions
- Consultancy and Continuing education Programs

SWOC Analysis

The prevailing approach in strategic planning commonly involves the application of SWOT/SWOC analysis: a structured examination of Strengths, Weaknesses, Opportunities, and Threats/Challenges. This straightforward analytical framework is tailored to assess the strategic standing of a specific system within its operational domain. Its methodological straightforwardness makes it a widely employed tool. The SWOC analysis is structured into two key segments: first, the assessment of the internal environment to pinpoint strengths and weaknesses, and second, the evaluation of the external environment to identify opportunities and challenges.

The salient points emerging out of the SWOC analysis of Sir MVIT are listed below:

Strengths

•Established over three decades, the institute boasts a robust brand image.

•The institution is enriched by a cadre of dynamic and committed faculty members, many of whom have contributed for over two decades at Sir MVIT.

•A formidable network of accomplished alumni holding prestigious roles in diverse corporations.

•Spread across 133 acres, the verdant campus stands as a significant allure for stakeholders.

•Championing a learner-centric methodology.

•Prioritizing a symbiotic relationship between teaching and holistic student growth.

•Fostering a disciplined and conducive academic environment.

•Sustained dedication to enhancing the professional development of faculty and staff.

Weaknesses

- Relatively less exposure to global experience amongst faculty and students.
- Less number of specialized laboratories for state of-the-art research.
- Limited sponsored research and consultancy activities.

Opportunities

•Rising emphasis on research and innovation.

•Potential to attain autonomous college status or deemed University recognition.

•Collaborative development of value-added courses in collaboration with industries.

•Strengthening teaching and learning capabilities through exchange programs for students and faculty.

•Exploration of collaborative research ventures with esteemed research institutions.

•Potential to elevate rankings in NAAC and NBA assessments.

Challenges

• The creation of esteemed educational institutions in the vicinity, offering competition at local, regional, and global levels.

• Drawing and retaining proficient faculty members while cultivating diverse expertise across various disciplines.

• The establishment of a robust source for consulting and training services.

• Swift transformations across disciplines, accompanied by evolving industry and societal demands.

Critical Success Factors analysis

The analysis has been carried out and discussed at length and the following factors have been identified.

- Transparent Governance and Administration
- Innovative Teaching- Learning Process
- Focus on Research and Innovation with a separate Incubation Centre
- Attraction & retention of best faculty
- State of the art infrastructure
- Industry- institute interface collaboration

Preparation of draft institute strategic goals (ISG):

The Institution's leadership team re-visited vision, mission, quality policy, core values, environmental factors, and SWOT analysis. The following institutional strategic goals (ISG) have been redefined.

Good Governance & Administration

Attraction of Talented & Diversified Students

State of the Art Infrastructure

Attraction, Development & Retention of competent faculty

Best teaching- Learning & Evaluation Systems

Research, Development & Consultancy

Industry- Institution Collaboration

Placements & Internships

Alumni Association

Social outreach

Financial Management

Center of Excellence

Objective:1	Good Governance & Administration
Description:	Education encompasses more than simple academic literacy. It embodies the cultivation of a comprehensive amalgamation of knowledge, skills, attitudes, and values that empower individuals to enhance their lives and contribute to the betterment of their nation. Effective governance holds particular significance in higher education, as educational institutions, being inherently more intricate than businesses, demand governance frameworks that accommodate a diverse spectrum of stakeholders. At Sir MVIT, a resolute commitment to Good Governance & Administration prevails. This commitment stems from the understanding that the health of an institution is intimately tied to good governance. Thus, at Sir MVIT, emphasis is consistently placed on upholding principles of good governance, which hold primacy in the institution's priorities. **Principles of Good Governance and Administration** • Adherence to purpose • Dedication to the interests of stakeholders • Robust well-informed decision-making • Transparency • Accountability • Gender and ethnic diversity
Action Points	Understanding the importance of Good Governance & Administration, Sir MVIT has planned the following measures and activities to strengthen its administration. **Governing Body** • Quality assurance. • Financial sustainability. • Guiding and approving policy matters. • Evaluation of institutions performance and bench marking. • Transparency in the operation of Governing Council. **Transparency & Leadership**

- Transparency in Leadership & appointment of Key positions.

- Service conduct rules and polices formulation, approval & implementation.

- Grievance Redressal mechanism.

- Leadership Development through decentralization.

- Establishing E-Governance- GNCMS.

Internal Quality Assurance Cell & Accreditation

- Strengthening the functioning of IQAC with internal & external members to audit processes.

- Establishing internal audit committee for regulatory compliance

- Systems, checks and balances- Remedial measures.

Objective:2	**Attraction of talented students**
Description:	To secure the institution's enduring progress, Sir MVIT places a significant emphasis on drawing accomplished and diverse students to its campus. This objective is achieved through the implementation of enticing scholarship programs tailored for exceptional students. The presence of such talented individuals yields numerous benefits, fostering comprehensive and continuous advancement across various domains for all students. The act of attracting meritorious students is of paramount importance, as their achievements contribute not only to their personal excellence but also enhance the institution's reputation. These accomplished scholars possess the potential for outstanding accomplishments and exhibit skillsets that stand markedly above average.
Action Points	Sir MVIT aspires to mold young minds into adept technocrats capable of meeting societal needs. To achieve this goal, the institution recognizes that high-caliber students form the bedrock of its success. In pursuit of this objective, Sir MVIT has devised the following strategic plans for implementation. •Engagement in diverse educational expos held nationwide.

	• Elevating the college's brand through extensive social media presence and highlighting its various accomplishments. • Disseminating information about the college to broaden its appeal across different demographic regions and attract a diverse student body. • Offering supplementary non-financial incentives to exceptional students, such as sponsoring their participation in conferences, seminars, and other co-curricular activities.
Objective:3	**State of the Art Infrastructure**
Description:	Facilities such as buildings, classrooms, laboratories, equipment, and educational infrastructure play a pivotal role in shaping the learning environments of schools and colleges. Substantial evidence indicates that high-quality infrastructure not only facilitates enhanced instruction but also contributes to improved student outcomes and decreased dropout rates, among other advantageous outcomes. Educational institutions bear the responsibility of cultivating an environment that not only fosters learning but also prioritizes the mental and physical well-being of students. They should establish an atmosphere that enables every student to gain knowledge and skills for personal growth as responsible individuals. In order to gain the trust of parents, schools must offer not only quality education but also appropriate facilities, providing students with a comprehensive academic development coupled with enriching extracurricular activities.
Action Points	The following plans are formulated to increase the physical and academic infrastructure. • Green Campus • Aesthetic Class rooms, Tutorials, Seminar halls • ICT & Knowledge Engineering Infrastructure • Annual maintenance and maintenance team in place • Functional Furniture and fittings for e-learning • Staff quarters and township facilities • Safety and Security management

	• Water facility and GYM • Developing sports (indoor/outdoor) facilities • Additional Hostels facility for boys & Girls within the campus

Objective:4	**Attraction, Development & Retention of Competent Faculty**
Description:	At Sir MVIT, it is firmly believed that faculty members are the lifeblood of the institution. They play a multifaceted role by not only imparting knowledge to students but also serving as policy formulators and trailblazers. Faculty members shoulder diverse responsibilities such as endorsing new curricula, conceptualizing novel programs, addressing student concerns, and ensuring a top-tier educational journey for each student. Moreover, professors exhibit their dynamic contributions beyond the institution's confines. This extends to activities like editing academic journals, orchestrating regional, national, or international seminars and conferences, mentoring fellow scholars or PhD candidates, and even authoring or refining textbooks utilized by students in their daily coursework.
Action Points	Sir MVIT is of the opinion that the growth of the institution mainly depends on the dedicated and motivated staff members. In this regard theinstitution has flowing plans for implementation. • Merit based hiring policy formulation & implementation • Career advancement Schemes • Scientific induction/ orientation of new talent • UGC /AICTE scales implementation for all cadres / designations Rewards – recognitions & incentives • Welfare policy formulation & implementation • Role & responsibilities clarity and empowerment • Online access to Library- journals 24X7 hours • Township /quarters facility • Sponsorship to participate in national /international conferences

Objective:5	**Best Teaching- learning & Evaluation systems**
Description:	Teaching-learning and evaluation constitute an integrated process in which instructors evaluate learning requirements, define specific educational goals, devise teaching and retention techniques, execute a structured curriculum, and evaluate the results of instruction. At Sir MVIT, faculty members grasp that the process of teaching-learning and evaluation serves as a conduit for generating shifts in behavioural constructs through experience. The teaching-learning approach aims to convey knowledge, impart skills, and cultivate attitudes, values, and character. Educators have been steadfastly working to appraise the learning process in relation to both individual and community contexts.
Action Points	- Constitute academic teams - Customize & implement best practices - Develop lesson plan as per OBE & academic calendar - Develop e-learning content - Use of LMS to support students - Support paper publications and presentations - Provide opportunities for networking - Continuous Assessment and evaluation to measure outcomes - System of Moderation- 10 percent of the answer booklets will go for second evaluation. - Create proper feedback system - Mentor on academic, career & higher educational opportunities

Objective:6	**Research & Development**

Description:	In the contemporary landscape, the role of research within an academic institution has assumed paramount significance, driving its advancement and progress while yielding benefits to students, society, and the nation as a whole. Institutions of higher learning are established to contribute to the economic, social, and cultural growth of the nation. A pivotal role universities play is to encourage students to undertake research in their areas of interest, ultimately yielding advantages for all. Sir MVIT staunchly upholds the imperative of fostering research and consultancy endeavors to ensure the institution's enduring evolution. This commitment stems from the profound belief that the institution's growth and the enrichment of the teaching-learning process find amplification through increased engagement in research and consultancy activities. The caliber of research work directly translates into the caliber of teaching and learning within classrooms, invariably benefiting students, society, and the nation. The promotion of research within a vast and diverse nation like India contributes to its transformation into a reservoir of knowledge on the global stage. Faculty members at Sir MVIT are proactively involved in research and consultancy services, embodying the institution's dedication to pushing the frontiers of knowledge and contributing to the betterment of education, society, and the nation.
Action Points	Sir MVIT believes that it is very essential to create a suitable culture for research and development in the institution. In this direction, following activities have been planned by the institution for creating such an environment: • R&D Infrastructure &Teams • Fund raising through Project proposals • Multi & inter disciplinary research and product development • Apply for TEQIP/Government/ other funding • Establishing Centres of competence • MOU with premier institutes/ R&D labs • Incubation Centre /Product Development

	• Setting up of Patent cell

Objective:7	**Industry- Institution Collaboration**
Description:	The fundamental objective of any technical institution is to cultivate highly skilled professionals with a global outlook, accomplished through top-notch technical education that readies them for immediate employability. These adept professionals, in turn, bolster industries by infusing the latest technologies and bolstering production capabilities. To effectively generate industry-ready graduates, a deep understanding of industrial requirements via industry-institute interaction becomes indispensable. Consequently, establishing a robust and dynamic industry-institute interaction to foster education and entrepreneurship is imperative. To cultivate a robust relationship between industries and institutions, institutes should establish formal Memorandums of Understanding (MoUs) with industries. Sir MVIT subscribes to the notion that Industry-institute interaction (I-I-I) constitutes a paramount endeavor, mutually enriching both industries and educational institutions. I-I-I serves as an optimal platform for showcasing exemplary practices, the latest technological advancements, and their application's impact on the industry. This dynamic interaction yields manifold benefits, fostering growth and development for both sectors.
Action Points	The technological improvement is achieved if the Academic institution supports the industries with their research and development. Hence, following activities are planned by the institution. • Establishment of Industry-Institute Partnership /interaction Cell. Establish academic partnership with leading educational institutes of national importance. • Invite industry experts for guest lecturers /talks/seminars • Partner with industry for syllabus reviews/advisory roles

	• Deputation of faculty to Industry on sabbatical leave
	• MoUs with potential industries/companies
	• Membership of Professional Bodies

Objective:8	**Placements & Internships**
Description:	Evaluating an institution's prowess, stakeholders prioritize Placement and Internship as crucial benchmarks. Consequently, Sir MVIT dedicates relentless efforts to fortify and adapt to the ever-evolving demands of placement and internship experiences. The institution boasts a comprehensive Training & Placement cell, spearheaded by a seasoned professional well-versed in HR and HRD matters. Through strategic guidance and support, students hone their skills and acquire the adeptness to effectively present their capabilities. The Placement Cell not only conducts training programs to cultivate a spectrum of vital skills among students but also plays an instrumental role in facilitating the recruitment process for all eligible students. This holistic approach ensures that students not only excel in their academic pursuits but are also well-prepared for a seamless transition into the professional realm.
Action Points	As per the vision of the institute, Sir MVIT would commit to provide equal opportunities to each student to find his/her choice of work. This would be achieved through the following placement activities. • Dedicated team and infrastructure for internship and placement. • Video recording of mock up interviews of students and feedback • Data base of various potential industries/companies • MoUs and relationship management • Industry experts as resource persons • Creating awareness among students about need of the industries Personality Development classes (soft skills & domain expertise) • Competency enhancement centre • Internships planning and execution

Objective:9	Alumni Association
Description:	Alumni associations serve as platforms for networking, fostering connections between recent graduates and established professionals, facilitating career transitions, and enhancing professional growth. At Sir MVIT, the Alumni association is established with a clear objective: to assist students in identifying job prospects and elevating their chances of securing job offers that encompass avenues for broadening their professional network. Through the Alumni association, graduates can engage with both recent peers and those who have graduated several years prior. These interactions can pave the way for internships, job opportunities, client relationships, collaborations, and other impactful career openings. Moreover, the shared affiliation with the same alma mater and the opportunity to network via regular in-person gatherings or online platforms simplifies the establishment and maintenance of these invaluable connections.
Action Points	Sir MVIT has planned to strengthen its alumni network through the following activities. - Strengthen Alumni association and engagement - Establish alumni association office on campus, engage - students - Data base updating and interactive alumni website - Establish global chapters and networking - Regular interactions /invitations - Recognize successful alumni and honour them suitably - Leverage for guest lecturers/internships/placements - Academic advisors/ Board of governors

Objective: 10	**Social outreach**
Description:	Sir MVIT is dedicated to contributing to society through active involvement and collaboration with the community. This engagement not only imparts students with a fresh perspective on their societal connections but also aligns them with the community's aspirations and concerns. Community engagement plays a pivotal role in catalyzing action to influence stakeholders, including governmental, political, or funding entities, to execute public initiatives and policies that directly enhance local communities and catalyze broader social transformation. Social engagement signifies the extent to which an individual participates within a community or society.
Action Points	Sir MVIT management strongly believes in developing the society and consider this as an important activity. In this regard following activities are planned. • Dedicating a faculty specially to mentor social outreach programs • Budget provision for Social Responsibility Activities. • Encouraging students, Faculty/Staff to engage in community service by taking up case study, supporting execution of projects, etc. • Adoption of school, health Centre or the village itself. • Providing vocational training for the rural students. • Organizing health camps, blood donation camps,awareness about hygiene, etc.

Objective:11	**Financial Management**

Description:	Financial management pertains to the management and allocation of capital funds to meet the financial requisites and overarching goals of a business enterprise. By facilitating efficient budgetary oversight, financial management empowers administrative and managerial teams to make well-informed decisions concerning an institution's financial resources. The objectives of financial management encompass: • Ensuring a consistent and sufficient inflow of funds to support the organization's operations. • Securing satisfactory returns for shareholders, contingent on earning capacity, share market value, and shareholder expectations. • Optimizing the utilization of funds. Sir MVIT places a firm emphasis on financial discipline, recognizing its profound influence on the institution's overall health. Consequently, the vigilant monitoring of financial activities assumes paramount importance at Sir MVIT.
Action Points	Sir MVIT opines that the key step for improvement of any institution is the proper management of its revenue base. In order to achieve these following activities are planned: • Department wise budget planning of all heads of accounts. • Forecast & estimation of revenue and expenditure. • Budget formulation & approval through Finance committee. • Planned expenditure management. • Monthly Audit (internal /External) checks- balances. • Monitoring expenses as per budget planning. • Predicting internal revenue generation. • Treasury (surplus funds) management.

Objective:12	**Centre of Excellence**

Description:	In the contemporary landscape, the pace of change remains astonishing. Technology's relentless evolution persists, demanding companies' preparedness to keep up. Navigating this terrain necessitates companies to carve out distinct identities by delivering solutions that manifest a profound fusion of domain expertise and technology prowess to meet ever-evolving customer anticipations. In this scenario, the imperative is for companies to not only position themselves as catalysts of innovation but also to cultivate the capacity for continuous innovation and agile adaptation. Centers of Excellence (CoEs) emerge as potent solutions to confront these challenges. A Center of Excellence, also referred to as an excellence center, embodies a team, a shared facility, or an entity that assumes the role of a beacon for leadership, best practices, research, support, or training within a specific focus domain. Within academic institutions, a Center of Excellence often denotes a team with a dedicated concentration on a particular realm of research. Such centers often amalgamate faculty members from diverse disciplines and furnish shared facilities to facilitate collaborative advancement.
Action Points	Sir MVIT has planned to open the following Center of Excellence in upcoming future. • Center for System Design (CSD). • Center for Biomedical Engineering and Research • Center for Data Science & Research • Center for Artificial Intelligence & Research (CAIR)

Finalizing ISP through approval from GC:

Finally, the copy of the institutional strategic plan will be submitted through the chairman of the strategic planning committee to the Governing council for further proceedings of approval of the said document. Once the institution strategic plan is approved and gets the consent from the Governing council the strategic plan will to taken up for the implementation.

Implementation:

Implementation is the process that turns institutions strategies & plans into actions in order to accomplish strategic objectives and goals. Implementing institutions strategic plan is as important, or even more important, than developing the strategy.

Strategic Planning is not a top-down approach. It is a bottom-up approach, which ensures participation of all the **STAKEHOLDERS** in the planning process. This involvement, in particular, of the employees of the organization makes them co-owners of the plan and increases their commitment to the implementation of the plan.

In the metric provided the complete plan to implement the strategic plan is being deliberated and the person who needs to monitor and make review is also been spelt out in order to ensure that the strategic plan is implemented in total.

Implementation Plan at Institution Level

Objectives	Custodians
Good Governance & Administration	GC, Chairman, Members of GC
Attraction of talented students	Principal, Admission & Marketing Head, Admission & Marketing Team and HoDs
Best Teaching- Learning & Evaluation Systems	Principal, Academics Committee Head, HoDs, Faculty and Staff
State of the Art Infrastructure	GC, Chairman, Principal, HoDs
Attraction, Development & Retention of competent faculty	Principal and HoDs
Research, Development & Consultancy	Research Head and RC Members
Industry- Institution Collaboration	Head -Industry- Institution Collaboration
Placements & Internships	Director- Placement & Training, Principal and HoDs
Alumni Association	Alumni Committee chairman & Team and HoDs
Social outreach	Social reach Club

Financial Management	Finance Committee, Treasurer, Principal and HoDs
Centre of Excellence	HoDs and Faculty

Review:

Review serves as a pivotal procedure that can trigger the re-examination of specific actions or measures to guarantee the fulfilment of designated tasks.

It's imperative that the institution's strategic plan undergoes periodic review, as stipulated in the metric table, to ensure its effectiveness and pre-empt the need for critical reassessment. The purpose of this review is to ensure the achievement of the defined objectives within the strategic development plan.

Moreover, the top management will engage in a comprehensive review of the strategic plan during the governing council meeting, assessing the degree of its implementation. Subsequently, the governing council members will periodically gauge the realization of strategic objectives.

Objectives	Review Parameters
Good Governance & Administration	GC selection, appointment & functioning Good governance initiatives, Number of meetings conducted & decisions made, Polices implementation, Grievance procedures, Educational ERP implementation
Attraction of talented students	CET and COMEDK ranking, Students profile and PUC marks score
Best Teaching- Learning & Evaluation Systems	Curriculum review & design, Industry partnerships, Faculty training on new areas, Introduction of new courses, new courses/ electives offered in emerging areas. Pass percentage, number of distinctions & first classes, Graduate attribute attainment levels and alumni feedback.
State of the Art Infrastructure	Number of buildings, class rooms added, removal of obsolescence, equipment added, annual budget allocated & utilized.
Attraction, Development & Retention of competent faculty	Recruitment & Selection of faculty, staff, salary, attrition rate, benefits as per UGC/AICTE norms, Track Faculty and staff performance.
Research, Development & Consultancy	Publications in national/international journals and conference proceedings, Patents filed- Published - Granted, conferences & workshops organized.

Industry- Institution Collaboration	New MoUs signed with academic and industrial organizations
Placements & Internships	Number of offers made through placement department, average salaries offered, Companies visiting the campus, public sector and other Government jobs
Alumni Association	Alumni data base, number of interactions, support for internships, placements, projects, scholarships, consultancy and contribution towards infrastructure development
Social reach	Vocational trainings provided, social projects undertaken and skill development programs for marginal section of the society.
Financial Management	Department wise budgeting, financial management, Implementation of financial policies and Transparency in financial transactions through online payments
Centre of Excellence	No. of Centre of Excellence, Programs conducted and No. of beneficiaries

Conclusion

Strategic planning stands as a pivotal instrument for an institution to illuminate its forthcoming trajectories. It empowers the institution to delineate priorities and render decisions across diverse tiers and functions, thus optimizing its service to stakeholders in a proficient, responsible, and adept manner. Strategic planning ought to align the institute's endeavors and assume the role of a navigational beacon for actions. Crucially, it must harmonize with the institution's core values. In essence, strategic planning should invigorate and motivate the institution's members to rise to the challenge and attain the set strategic objectives.

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