



ESTD : 2001

MAHAVEER

INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTE, Affiliated to JNTU, Hyderabad.
Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005.



Strategic Plan 2017-22



Accredited by
National Board of Accreditation
(CSE, ECE, ME)



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Hyderabad's First
campus to become
 Microsoft
GOLD PARTNER



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Smt. S. Jayalaxmi
Chairman

The aim of MIST is to bring different ideologies under one roof and provide opportunities to exchange ideas face to face, to establish research relations to find national partners for future collaboration. I would like to congratulate **MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY** to conduct event in systematic way and to disseminate the knowledge to all the corners of the country.



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Sri.S.SURENDER REDDY
Secretary

I have immense pleasure to note that the Mahaveer Institute of Science & Technology is CHALLENGES IN ENGINEERING, MANAGEMENT and SCIENCE & TECHNOLOGY.

“ENGINEERING” disciplines is one of the fundamental aspects of new inventions and innovations in the field of Electronics, Mechanical, Civil, and many other fields. Thus, we keep Conference meeting organized by MIST will help to develop many aspects in the field of Engineering and many research oriented innovations to the society. I strongly feel that the continued initiatives of Mahaveer Institute of Science & Technology will help for the betterment of mankind by organizing such scientific conferences for future research and technical practices in general and in engineering.



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Sri. S. Dhananjay Reddy
Joint Secretary

It's a pleasure to welcome you all to the Mahaveer Institute of Science & Technology, is an institute with a set of tracks in the field of Engineering and Technology. The successful organization has required talents, dedication and time for many volunteers and strong support. Special gratitude and appreciation is due for various track chairs as they are primarily responsible for the content of technical program. We hope that, you will find the both enjoyable and valuable, and also enjoy the architectural, cultural and natural beauty of greenery in and around the college.



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Dr. H.S.N. Murthy
Academic Director

MIST provides a multi- disciplinary forum for the exchange of knowledge and expertise in the recent developments in the fields of Engineering Science and Technology. I am self assured that your deliberations and the outcome of your efforts will raise public awareness about the role and value technology as a tool to promote economic, social and cultural development while addressing the complex issues on your agenda. It is my privilege to wish the entire successful career and take the special honor to welcome you all to this MIST.



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Dr.B.V.Sanker Ram

Professor & Principal

MIST aims to educate researchers for the future to build and maintain quality. Our organization looks forward for being recognized as one of the premier research organization which meets the quality standards across the globe. To achieve this goal, the organization is following a three-prolonged approach: connect, nurture and grow.

We will CONNECT proactively with the world of practice and policy, with academic work nationally and globally, and with the local community. NURTURE a high performance work environment by emphasizing and supporting a climate of autonomy, stretch and team work. GROW our capacity, but do so in a thoughtful and strategic manner, aiming to have an impact commensurate with our ambitions.





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As an Institute committed to quality education, MIST aims at providing learning with a technology-edge. It endeavors to provide consistent training to its students to help them evolve as competent professionals in the highly competitive world. Right from its inception in 2001, it has been tuning itself to meet this objective.

A new civilization is emerging in our lives. This new civilization brings with it a new way of working. Millions are already tuning their lives to the rhythms of tomorrow.

The technological revolution and the forces of globalization are changing the very functioning of the organizations significantly in recent years.

Success nowadays, requires not only the ability to perform according to the requirements of the position, but also the ability to adjust and get along as a member of a working team. Two critical aspects of preparation for success in the workplace are Education and Training, so that you will have the required knowledge, skills and a high level of self-motivation including initiative and responsibility.

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1. Strategic Planning - The Strategic Plan ensures that the plans achieved through accountability process comprising of review, evaluation, reporting and, where necessary, re-planning. The Strategic Plan 2016-21 was reviewed in May-June 2021 for developing Five Year Strategic Plan for 2021-26

1. The long term (5yrs) is developed by the Institutional Quality Assurance Cells (IQACs).

2. Deans, HOD's through respective IQAC set Individual targets (Faculty/Staff), fixing milestones and accountability considering the following aspects:

- a) Academic & Teaching-Learning
- b) Infrastructure Resource
- c) Faculty/Staff Resource
- d) Industry Interaction and Placement
- e) Research & Innovation
- f) Student Development Activities
- g) Events & Academic Calendars

3. The Faculty wise Targets like Academic & Teaching-Learning Planning etc. are examined and finalized by Institute IQAC. The proposed Annual Planning comprising of all the above mentioned aspects are placed before the competent authority. After the approval, the recommendations are circulated to all concerned for its implementation, compliance and review. 4. The Strategic Plan for the year 2016-21 was reviewed comprehensively to develop the Strategic Plan for 2021-26

Vision & Mission: To be a centre of excellence in technical education with research orientation and to develop human resources to serve the society and nation building



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VISION OF THE INSTITUTE:

To be a centre of excellence in technical education with research orientation and to develop human resources to serve the society and nation building

MISSION OF THE INSTITUTE:

M1: To provide comprehensive technical education programmes in various disciplines and to contribute effectively to the profession and the society.

M2: Establishing centre of excellence in inter disciplinary areas which are important and relevant to industry and employment with scope for research.

M3: To inculcate human values and ethical practices to the graduates through co-curricular and extracurricular activities.

QUALITY POLICY:

MIST is committed to provide quality education through dedicated and talented faculty, world class infrastructure is and advanced Research center to the students.



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Objectives:

1. The objectives of the institution are to disseminate and advance knowledge by providing Instructional, research and extension facilities in such branches of learning as it may deem fit.
2. The Institution endeavors to provide students and faculty the conducive atmosphere and facilities and infrastructure for the promotion of:
 - a) Innovations in education leading to new methods of teaching and Learning and integral development of personality
 - b) Studies in established and new disciplines
 - c) Inter-disciplinary studies
 - d) National integration, secularism, international understanding and ethics.



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Process for defining Vision Mission of the department:

The department has established the vision and mission through a consultative process involving the stakeholders of the department, contemporary issues, society requirements and considering the future scope of the department in time mapping with the vision and mission of institute. The following are the steps are followed to establish Vision and Mission of department:

- Step 1:** The vision & mission has been framed using inputs from major stake holders.
- Step 2:** The department has conducted brain-storming session with the major stake holders and Identified SWOT to state the Vision and Mission of the department.
- Step 3:** The SWOT was scrutinized and checked with the consistency of Institute Vision & Mission by the department committee.
- Step 4:** Based on the finalized SWOT, the department Vision & Mission has been defined.
- Step 5:** Draft vision & mission was reviewed by advisory committee and review comments were taken by the department committee and finalized.

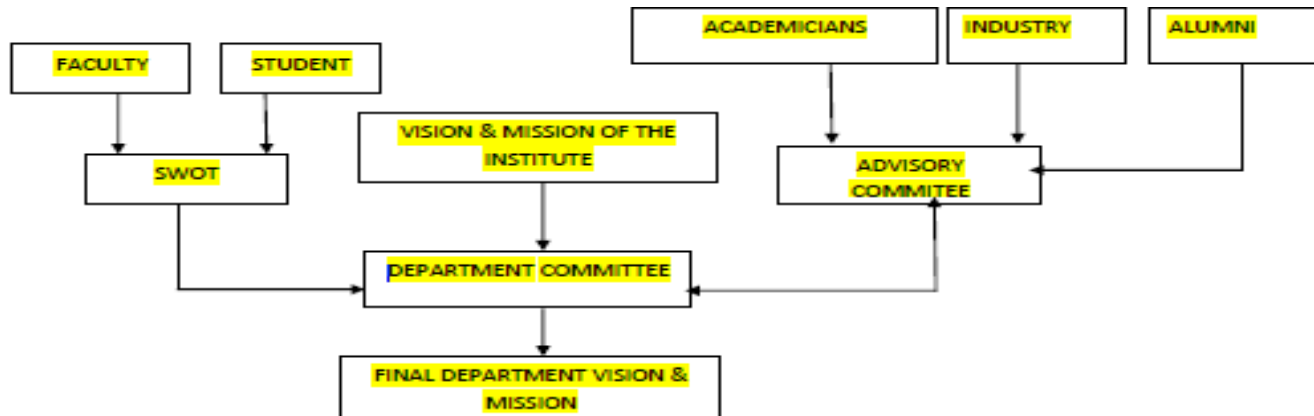


Figure 1.1: Process for defining Vision & Mission of the Department



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S.NO	LONG TERM PLAN(2016-2021)	LONG TERM PLAN(2021-2026)
1.	To engage with student training and development program	To obtain the accreditation process for national Assessment and Accreditation council (NAAC)
2.	To establish women empowerment & Anti-sexual harassment cell	To establish Intellectual property Right cell
3.	To establish a strong network alumni students' parent, academicians and industry experts	To establish digital classrooms
4.	To establish R & D CENTERS	Enhancing research capacities and outcomes
5.	To initiate R & D projects in collaboration with industry	Increasing industry Linkage
6.	To initiate automation of library	To modernize all labs as per emerging technology
7.	Maximum faculty member with doctoral degree	To improve core placement
8.	Establish Internal Quality Assurance Cell	To initiate accreditation process for national board of accreditation.
9.	To implement ERP system.	To attain autonomous status and introduce Choice Based Credits System.

