



M.S.P.M.' S

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## Perspective Plan of the Institute (2017-2022)

The strategic plan will serve as a roadmap to guide us through the next phases of our journey. It provides an outline of key goals and next steps to lead our decision-making over the course of the time. It will help shape vital initiatives and keep us on track by measuring progress toward our common goals.

Through a collaborative process that involved comprehensive feedback from stakeholders, this strategic plan reflects the collective insight, vision and thinking.

With our faculty and staff and programs offered, we have a solid foundation in place. Working together, we will continue to cement our reputation as Marathwada region's primary source for high- quality, well-equipped engineering and management graduates who have an unparalleled combination of diverse perspectives, practical education and innovative spirit. With our mission, vision and values as our basis, we will continue to advance our goals and further grow and strengthen our programs.

### A STRONG FOUNDATION: VISION, MISSION AND OBJECTIVES

#### VISION: WHAT WE DO

Nation building by creating opportunities for rural and urban students through excellence in Education and Research in the field of Engineering and Management.

#### MISSION: WHAT WE ASPIRE TO BE

- To develop the students for best academic and industrial practices by implementing innovative teaching-learning methodologies, promoting all round development by giving exposure to a series of activities.
- To prepare the students to face global challenges by equipping them with the requisite technical expertise and developing entrepreneurship skills among them.
- To promote research attitude among faculty and students.

#### OBJECTIVES: WHAT WE BELIEVE TO BE OF UTMOST IMPORTANCE

- To achieve excellence in academics.
- To ensure overall development of students by supporting them through Co-Curricular and Extracurricular skills.
- To strengthen industry- institute interaction.
- To support for placement and entrepreneurship development.
- To encourage research and development activities.

# 5 STRATEGIC PRIORITIES

Based on the comprehensive feedback obtained from stakeholders during the strategic planning process, three priority areas were identified as being most important to focus on in the coming five years in order to support student success and distinguish the Davidson College of Engineering as an engineering college of choice for potential students and employers.

- 1 Creating innovative and experiential learning environments
- 2 Engaging in scholarly activity and relevant research
- 3 Strengthening industry and community partnerships
- 4 Quality Assessment from external bodies
- 5 Enhancing capabilities of students for Placement, Higher Education and Entrepreneurship
- 6 Strengthen mechanism for all round development of students.
- 7 Increase awareness of Environmentally Sustainable Development

## STRATEGY : 1

### Creating innovative and experimental learning environments

- Initiative 1:** Excel in experiential learning opportunities and maintain basic quality classroom and laboratory facilities
- Initiative 2:** Actively engage engineering students from entry into the program through graduation
- Initiative 3:** Create opportunities for faculty/staff learning and development
- Initiative 4:** Build effective models for online and flipped course offerings

## STRATEGY : 2

### Engaging in scholarly activity and relevant research

- Initiative 1:** Strengthen industry partnerships in an effort to increase industry-supported applied research, student projects, internships and experiential lab environments

**Initiative 2:** Create more opportunities for under-graduate and graduate students to participate in research

**Initiative 3:** Provide support and encouragement for research, scholarly activity and professional practice

**Initiative 4:** Establish areas of excellence in a select number of cutting-edge areas

**Initiative 5:** Seek approval for a joint initiative with reputed peer institutes

## STRATEGY : 3

### Strengthening industry and community partnerships

**Initiative1:** Strengthen industry partnerships in an effort to increase industry-supported applied research and collaborative laboratories.

**Initiative 2:** Strengthen industry partnerships through expert talks, industrial visits etc.

**Initiative 3:** To engage the students for maximum industry projects, internships.

**Initiative 4:** Develop a formal DIEMS alumni relations program.

**STRATEGY : 4**

**Quality Assessment from External Bodies**

**Initiative 1:** Get accreditation from National Assessment and Accreditation Council (NAAC).

**Initiative 2:** Apply to National Board of Accreditation (NBA).

**Initiative 3:** Get respectable ranking in National Institute Ranking Framework (NIRF)

**Initiative 4:** Seek permanent affiliation from Dr. Babasaheb Ambedkar Technological University (BATU).

**STRATEGY : 5**

**Enhancing capabilities of students for Placement, Higher Education and Entrepreneurship**

**Initiative 1:** Impart supported training / courses for improving placements of the students.

**Initiative 2:** Create more opportunities for under-graduate students for higher education.

**Initiative 3:** Provide support and encouragement for Entrepreneurship

**STRATEGY : 6**

**Strengthen mechanism for all round development of students.**

**Initiative 1:** Through mentor mentee mechanism, encouraging students for participation in co-curricular and extracurricular activities.

**Initiative 2:** Encouraging students for development of presentation skills, out of box thinking and enhancing practical skills.

**Initiative 3:** Increasing participation of students in club activities of the institute.

**Initiative 4:** Strengthening participation of students in social activities for community.

**STRATEGY : 7**

**Increase awareness of Environmentally Sustainable Development**

**Initiative 1:** Installing solar panels on the rooftop, for generation of clean energy.

**Initiative 2:** To create awareness and increase activities related to environmental issues.