



IIRW'S

INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING AND MANAGEMENT (ICEEM)

NAAC ACCREDITED



Introduction: The ICEEM College Strategic Development Plan is a comprehensive blueprint designed to steer the college towards becoming a preeminent center of excellence in technology, management, and research. This plan outlines our vision, mission, core values, and strategic goals, providing a clear pathway for achieving academic excellence, fostering innovation, and cultivating strong industry partnerships. It enhances the infrastructure, promoting cutting-edge research, and engaging with the community, ICEEM is committed to delivering high-quality technical education and developing future leaders who are equipped to meet global challenges. Through continuous monitoring and stakeholder engagement, the college aims to adapt the evolving trends and ensure our students thrive in an increasingly dynamic and interconnected world.

Aims:

- To elevate academic standards and enhance the quality of education.
- To foster a robust research and innovation ecosystem.
- To strengthen industry partnerships for better placements and practical learning.
- To modernize infrastructure to support advanced teaching, learning, and research.
- To promote community engagement and contribute to societal development.

OUR VISION:

- To be a leading Educational Institute in the field of Technology, Management, and Research to serve the global needs of Academia, Industry, and Society.

OUR MISSION:

- To establish a modern infrastructure to nurture an environment of Techno-Managerial skills coupled with Professionalism and Innovation, with high moral & ethical values. We, at ICEEM, are committed to:
- Impart Education for Academic Excellence in the field of Technology and Management.
- Inculcate high moral, ethical, and professional standards among our students for their holistic development.
- Evolve the institution to the level of an independent identity.

CAMPUS DIRECTOR
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Aurangabad

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- Affirmation, Our Resources - Our Students" and "Our Capital - Our People"

Quality Policy:

"We at ICEEM Engineering College are committed to giving our students an exceptional educational experience so they can succeed in the engineering and technology fields."

CORE VALUES: Achieve excellence in graduating new age engineers by providing students with co-and-extracurricular development opportunities that will help hone their technical, professional, and leadership skills.

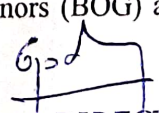
- Contribute to the national development by establishing processes and mechanisms in the institution that will enable faculty and students to conduct research and development.
- Foster an entrepreneurial value system among students that will encourage them to come up with innovative ideas and solutions that can be used to start new companies.
- Foster global competencies among students through collaboration with international reputed universities in field of engineering and management.
- Promote the use of technology in teaching and learning that will aid students in their learning and in the process improve their academic performance.

QUALITY POLICY: "We at ICEEM Engineering College are committed to giving our students an exceptional educational experience so they can succeed in the engineering and technology fields."

ICEEM College Committee Portfolio: ICEEM College is dedicated to maintaining high standards of excellence through a well-structured committee system that oversees various aspects of academic and administrative functions. Each committee, led by dedicated in-charge personnel, is responsible for specific domains, ensuring smooth operations and continuous improvement.

Academic & IQAC:

- Responsibilities: Oversees the Internal Quality Assurance Cell (IQAC), academic monitoring, academic calendar management, and compilation of annual reports. Focuses on image building, counseling, overall administration, and ecosystem development. Manages the Board of Governors (BOG) agenda and minutes.


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Industry Institute Interaction, Training & Placement:

- Responsibilities: Facilitates corporate training, consulting, CSR funding, MoU signing, industry visits, internships, and field visits. Manages IIMM courses and coordinates with the section-8 company for industry engagement.

Admissions, FC, Students Council, Gathering & Other Responsibilities

- Responsibilities: Manages admissions for FE, DSE, MBA, Polytechnic, ME. Handles publicity, public relations, admission processes, and issues related to canteen and hostel. Oversees accounts and fee structures, and polytechnic development.

Girls Hostel & NSS Coordinator:

- Responsibilities: Manages hostel admissions, room allotment, discipline, daily attendance, and canteen food quality and ensures first aid, student movement, resolving complaints, fee recovery, and hostel maintenance.

Boys' Hostel:


- Responsibilities: Manages hostel admissions, room allotment, discipline, daily attendance, canteen food quality, and hostel maintenance. Monitors student movement, resolves complaints, and ensures fee recovery.

Engineering Sports:

- Responsibilities: Conducts various indoor and outdoor sports at institute, district, and state levels. Maintains records and motivates students to participate in sports, ensuring proper maintenance of sports equipment.

Startup & Innovations Cell / Research & Development:

- Responsibilities: Manages the incubation cell, startups, and innovations. Coordinates with other incubation centers, arranges research-related sessions, and promotes a research environment. Seeks research funds, handles publication of journals, and oversees research policy and budget.

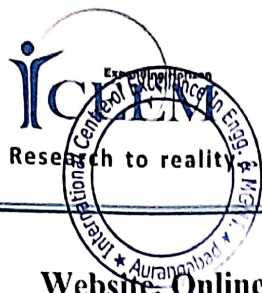

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Website, Online Courses & Cultural In-charge

- Responsibilities: Oversees website development and updates, coordinates V-Lab and NPTEL courses. Manages cultural activities, ensuring a minimum of five events per semester, and maintains related records.

Workshop Superintendent & Maintenance:

- Responsibilities: Manages workshop maintenance, practicals, fabrication, plumbing work, and stationary & store and oversees cleaning records and maintenance of water coolers, particularly in the girls' hostel.

IIC Cell & Alumni Association

- Responsibilities: Manages the entrepreneurship cell, MSME, MHRD, IIC cell, and alumni association and organizes parent and alumni meets, CR meetings, ABC registration, and AICTE student-related activities.

Members: Various faculty members.

Polytechnic Coordinator:

- Responsibilities: Oversees all polytechnic-related work including academics, exam forms, scholarship forms, committees, and examinations.

System Admin:

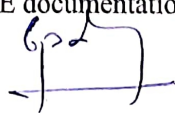
- Responsibilities: Maintains computer systems records and allotment, handles PC maintenance, prepares hardware and software inventories, and manages networking and software installations.

Office Administration (AO):

- Responsibilities: Manages all administrative work, staff records, I-cards, uniforms, student section documentation, university affiliation, exam forms, scholarships, and AICTE & DTE documentation.

Co-Curricular & Extra-Curricular Activities:

- Responsibilities: Organizes and records all academic activities such as seminars, expert talks, industrial visits, trainings, workshops, FDPs, conferences, and MOOC courses.


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University Examination, CT, PR, OR Coordinator & Additional US:

- Responsibilities: Coordinates theory and practical examinations (internal and university), maintains internal exam records, and oversees library coordination.

NAAC Coordinator, NAAC Displays

- Responsibilities: Manages all NAAC-related work including AQAR, IIQA, and IQAC assistance. Compiles reports with evidences of all activities, and manages daily, weekly, and monthly NAAC progress reviews.

IIC, Women's Empowerment, Women's Grievance Cell, Robotic Group Coordinator & Policy Making:

- Responsibilities: Arranges activities under IIC Cell, Women's Empowerment, and Women's Grievance Cell. Addresses issues faced by girls, manages HR policy making, maintains records, and sets staff goals.

Approvals & Committees:

- Responsibilities: Manages approvals, AICTE, DTE, FRA, LIC, and Dr. BAMU documentation. Oversees green audits, fire and safety certificates, and documentation for various committees (SC/ST, Anti-Ragging,

Levels of Strategic Development Plan: The strategic development plan is a comprehensive roadmap designed to guide the institution towards achieving excellence in education, research, and community engagement. It sets forth a series of short-term, mid-term, and long-term goals that collectively aim to boost scholastic achievement enhance teaching and learning methods, expand infrastructure, and foster a culture of innovation and inclusion. In the short term, the focus is on immediate improvements such as enhancing academic performance, increasing enrollment, and creating collaborative incubation hubs. The mid-term goals aim to establish centers of excellence, strengthen industry and research partnerships, and build a thriving network of accomplished alumni. Long-term objectives include significant infrastructure expansion, sustained community involvement, and leadership in environmental stewardship. By implementing this strategic plan, the institution aspires to position itself as a leader in engineering education and research,

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adapting to evolving educational needs and market trends while fostering an inclusive and innovative learning environment.

SHORT-TERM GOALS:

- Boost scholastic achievement.
- Raise the bar for placement.
- Increase the capacity of the infrastructure.
- Enhance the methods of teaching and learning.
- Create centers of excellence.
- Boost the number of Ph.D.-qualified faculty members.
- Increase enrolment in already-running programs.
- Encourage student-led business ventures.
- Create hubs for collaborative incubation.
- Work together with research organizations both domestically and abroad.
- Create joint laboratories with industrial assistance.

MID-TERM GOALS:

- Raise the Bar for Placement
- Create Centers of Excellence
- Work Together with Research Organizations Domestically and Abroad
- Create Joint Laboratories with Industrial Assistance
- A Center for Technical Advancement and Innovation
- A Network of Former Students Who Are Accomplished Professionals
- Good Placement Rates with Prestigious Firms on a Regular Basis
- Encourage a Thriving Culture of Innovation and Research
- Encourage Inclusion, Equity, and Diversity

LONG-TERM GOALS:

- A center for technical advancement and innovation.

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- A network of former students who are accomplished professionals.
- Good placement rates with prestigious firms on a regular basis.
- Noteworthy achievements made via community involvement and research to the advancement of society.
- Modern infrastructure that adapts to teachers' and students' changing demands.
- Improve instructional strategies to guarantee graduates are future-ready.
- Encourage a thriving culture of innovation and research.
- Form enduring alliances with academic institutions and business titans.
- Adjust to shifting market trends, technological advancements, and best practices in education.
- Encourage inclusion, equity, and diversity among college students.
- Take the lead in environmental stewardship and sustainable engineering practices efforts.
- A nurturing and stimulating learning atmosphere that promotes the wellbeing and achievement of students.

STRATEGIC PLANS:

Academic Excellence: Raise the standard of instruction and academic offerings.

- Examine and revise the curriculum to include skills that are relevant to the industry and developing technology.
- Put in place initiatives for faculty development to improve instructional strategies and pedagogical approaches.
- Create a Center for Teaching Excellence to support mentorship and creative teaching methods.

Research and Innovation: Promote a culture of creativity and quality in research.

- Expand financing for research via grants, corporate alliances, and government partnerships.
- Encourage multidisciplinary research projects to tackle major issues as the second initiative.
- Create initiatives for technology transfer and commercialization to turn research findings into practical solutions.

Infrastructure Development: The goal is to update the infrastructure to facilitate student life, research, and teaching.

- Modernize lab spaces with cutting-edge tools and supplies.

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- To facilitate flexible learning modalities, make investments in online learning environments and smart classrooms.
- To improve the entire student experience, upgrade the facilities for student housing and campus amenities.

Industry Engagement and Partnerships: Strengthen relationships with industry for research, internships, and placements.

- Create industry advisory boards to offer industry insights and strategic direction.
- Help students with industry-sponsored initiatives, co-ops, and internships.
- Form alliances with top businesses to collaborate on research projects and activities including technology transfer.

Community Outreach and Impact: Get involved in the neighborhood and support the advancement of society.

- Start outreach initiatives to encourage STEM awareness and education in schools.
- Work on community development initiatives with NGOs and government organizations.
- Provide technical support and ongoing education opportunities to regional businesses and entrepreneurs.

Monitoring and Evaluation: For every strategic aim, provide a structure for monitoring and evaluating performance in relation to key performance indicators (KPIs). Review and revise the strategy plan on a regular basis in response to input, evolving conditions, and new opportunities.

Stakeholder Engagement: Involve the local community, government agencies, industry partners, educators, and students at every stage of the strategy planning and execution process to guarantee responsibility, openness, and alignment.

The ICEEM may position itself for long-term expansion, excellence, and influence in the dynamic field of engineering education and research by putting this strategic plan into practice.

IMPLEMENTING AND MONITORING A STRATEGY: The strategic development plan's execution comes next once it has been approved. The strategy's execution will involve periodic assessments of its progress. The deployment and execution of the strategic plan will be overseen by the Principal, the

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Academic Council, and other team members.

IMPLEMENTATION AT INSTITUTE LEVEL:

Governance & Administration	: Chairman & Members of BOG, Administration Office
Expansion	: BOG members, Local Management Committee, PRO
Students Admissions	: Director, HODs, Admission team, Students section
Statutory Compliance	: Director, HODs, Coordinators
Infrastructure (Academics)	: Director, HODs
Teaching- Learning	: Director, HODs, Faculty and Staff
Research& Development	: Director, HODs
Students Development	: Director, HODs
Departmental Activities	: HODs and Faculty
Training & Placement	: Director, TPO & HODs
Quality Assurance	: IQAC team

MONITORING OF STRATEGIC PLAN: The Principal, the Academic Council, and other committees will periodically examine the strategic plan's execution to ensure it is proceeding as planned. The comprehensive progress report will be written by the section leaders and presented during the review sessions. The independent IQAC will be responsible for benchmarking quality standards, monitoring them, and evaluating achievement. The results will be reported by the IQAC to GB and the Academic Council. The IQAC report and a detailed examination of the results will be used to inform the aforementioned recommendations for remedial actions, additional processes, and resource deployment. All of these reports will be sent to the Board of Trustees for additional deliberation and action.

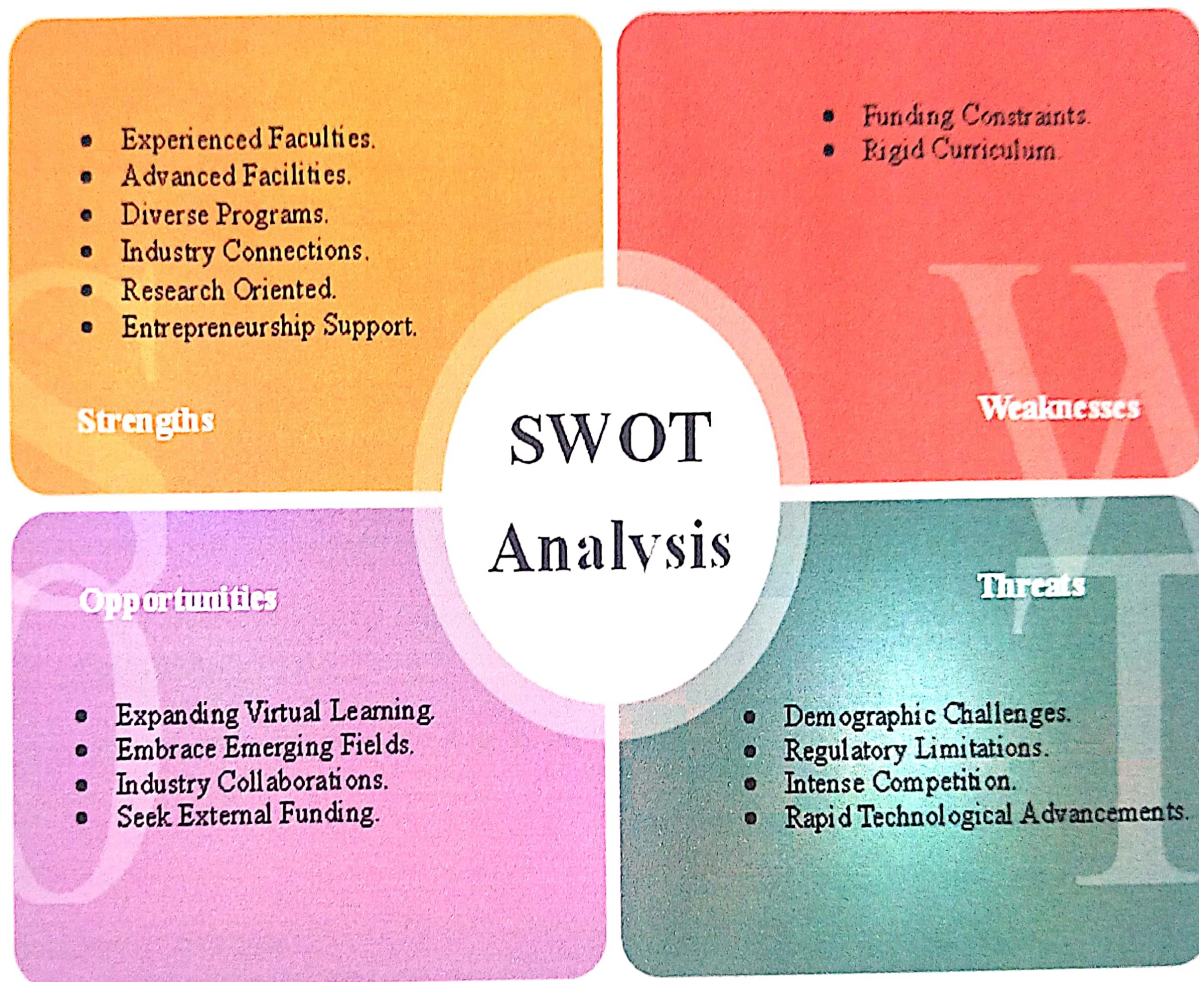
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SWOT Analysis



Strengths:

- A solid teaching group with a wealth of professional background and educational credentials.
- Contemporary classrooms, research facilities, and well-equipped labs comprise the state-of-the-art infrastructure.
- A wide variety of engineering and management specializations available to meet the needs of the industry and varying student interests.
- Strong industry relationships that offer co-ops, internships, and placement support.

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- Active participation in research initiatives that result in publications, patents, and partnerships with esteemed organizations.
- Functional Incubation Cell with Start-Up and Consultancy Services.

Weaknesses:


- Limited funding has an influence on faculty development and infrastructural improvements.
- Rigid curriculum that could not always be in line with the quickly changing needs of the technology and business sectors.

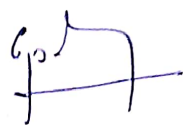
Opportunities:

- Extension of virtual education initiatives to cater to a broader demographic and a range of learning preferences.
- Introduction of specialist courses in cutting-edge disciplines including sustainable engineering, renewable energy, and artificial intelligence.
- Forming alliances with nearby industries & businesses to solve technical & managerial issues and promote regional economic growth.
- Opportunities for government funding for skill development, infrastructure development, and research initiatives.

Threats:

- Demographic Challenges.
- Modifications and compliance actions that is expensive due to changes in government rules and accrediting criteria.
- Challenging competitive marketing by nearby engineering colleges.
- Disruptive innovations and technology updation.


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