Strategic Plan
2024 to 2029

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BMS Institute of Technology & Management (BMSIT&M), started in 2002 under the aegis of BMS Educational Trust, Bengaluru. BMSIT&M offers AICTE approved 7 UG programs and 4 PG programs. There are 11 VTU recognised research centres with 114 research supervisors and 142 research scholars working in diverse research areas. BMSIT&M has been accredited by NAAC with 'A' grade. All the eligible UG and PG programs have been accredited by NBA. University Grants Commission (UGC) and Visvesvaraya Technological University (VTU) have conferred Autonomous status to BMSIT&M for both UG and PG programs since 2021.

As an autonomous institution, our curriculum design is as per professional body guidelines and industry requirements with special emphasis on GCC expectations. The institute engages in contemporary and competitive teaching/learning methods. The outcomes-based education (OBE) coupled with promoting experiential learning has ensured our students gaining skills for success in their chosen domains. The institute follows learner centric methods in academics for effective learning by students. The institute has state-of-art laboratories for course work, teaching, and student projects. BMSIT&M is helping the students in getting exposure to cutting edge technologies through industry driven projects, industrial visits and hands-on training from domain experts of reputed industry/research organizations. The students are encouraged to involve themselves in creative, technical and research activities.

Many of our students have won accolades at various national and international events and competitions. A good number of students have successfully pursued entrepreneurship, while many others have pursued higher education in top ranked institutions across the globe. Education at BMSIT&M is a dream of every student who aspires to be a leader par excellence in engineering since the institution has all functional systems in place with high performing academic, personality development and administrative sub systems which are perfectly synchronized and continuously engaged. We at BMSIT&M are committed in making the journey of students, memorable and enriching.

Vision

To emerge as one of the finest technical institutions of higher learning, to develop engineering professionals who are technically competent, ethical and environment friendly for betterment of the society.

Mission

Accomplish stimulating learning environment through high quality academic instruction, innovation and industry-institute interface.

==**SWOC for BMSIT&M:**==

Strengths:
1. **Reputation and Brand Name**

2. **Accreditation**

3. **Infrastructure**

4. **Placement Opportunities**

5. **Quality Faculty**

6. **Location Advantage**

7. **Green Campus with Academic ambience**

Weaknesses:
1. **Quality Research Publications**

2. **Limited global collaborations**

3. **Patents are limited**

4. **Limited consultancy**

5. **Limited in-house hostel facility**

6. **Limited students opting for Higher Education**

Opportunities:
1. **Industry Collaboration**

2. **Globalization**

3. **Entrepreneurial Ecosystem**

4. **Government Initiatives**

5. **Connect with Alumni**

Challenges:
1. **Intense Competition**
2. **Attracting Talented faculty**
3. **Attracting Core Companies for Placement**
4. **Online Education**
5. **Attracting Full Time Ph.D. Scholars**
6. **Fulfilling NIRF parameters**
7. **Sponsored research**

Strategic Plan (2024-2029)

Short-term Goals (2024-2026)

1. **Academic Excellence**

   - Revision of the curriculum based on industry requirements.

   - Deputation of faculty to industry / R and D organizations for upskilling on emerging technologies and innovative teaching methods.

   - Creation of digital content to enhance learning experience of students.

2. **Research and Development**

   - Providing financial incentives for faculty and students publishing SCI/WoS/Scopus indexed journals falling under Q1-Q4 quartiles.

   - Enhancing patent filing through IPR Cell by increasing awareness about intellectual property.

   - To create an eco-system to collaborate with institutions with national importance to secure external research funding from national funding agencies.

3. **Industry Collaboration and Placement**

   - To form an Industry Advisory Board to align academic offerings with industry needs.

   - To develop an eco-system to provide student community with industry driven problem statements through mentorship program.

   - To integrate the placement and skill training with the academic timetable starting from 1st semester.

   - Decentralizing the placement activities which creates a platform for establishing a link with domain specific / product-based companies.

4. **Globalization and Collaboration**

   - Establishing a cell for global connections and collaborations to cater research internship, immersion program and industry internship.

   - Sign MoU with global universities for joint research, student exchange program and twinning opportunities.

5. **Infrastructure and Facilities**

   - Expand in-house hostel facilities to accommodate more students.

   - Upgrade laboratories with state-of-the-art equipment for interdisciplinary research and projects.

   - Establishing energy research laboratory towards meeting SDG goals.

6. **Entrepreneurship and Innovation**

   - Strengthening the incubation center by enhancing mentor panel and organizing bi-annual pitch competitions.

   - Upscale hackathon (CodeRed) in collaboration with industry leaders and alumni.

   - Leverage government schemes to secure funding for strengthening innovation and entrepreneurial eco-system.

7. **Student Progression**

   - To conduct regular awareness sessions on higher education opportunities like GATE, GRE and GMAT.

   - Introduction of a structured mentorship program to guide students aiming for research and advanced degrees.

8. **NIRF and Rankings**

   - Align metrics with NIRF ranking parameters, focusing on placements, research output and diversity.

   - Automating the data collection system to monitor key performance areas for rankings.

   - Strengthening internal and external audit processes.

1. **Academic Excellence**

   - Strengthening multidisciplinary education system in line with SEP/NEP, enabling flexible credit policies and interdisciplinary learning.

   - To develop and deliver hybrid learning courses to expand reach and address online learning needs.

2. **Research and Development**

   - 50% of research publications in 25% top ranked journals.

   - Aiming for significant externally funded research projects.

   - Aimimg for commercialization of patents.

3. **Industry Collaboration and Placement**

   - To establish a dedicated placement council for core engineering domains to attract more core companies for recruitment.

   - To partner with industries and involve industry mentors for student activities.

   - To build a robust alumni network portal to leverage alumni for mentorship, placements and funding opportunities.

4. **Globalization and Collaboration**

   - Attracting more international students to pursue UG/PG programs.

   - Secure partnerships for dual-degree programs and joint research initiatives with top-ranking global universities.

   - Collaborate with international universities / organizations for joint research funding.

5. **Infrastructure and Facilities**

   - Establishing multi-disciplinary research facilities with a view to have greater research and consultancy.

   - To establish an indoor sports complex to cater the needs of students and staff.

6. **Entrepreneurship and Innovation**

- Partner with venture capitalists and angel investors to fund student and faculty innovations through BIG Foundation.

- Gain recognition as a premier entrepreneurial hub in Karnataka by supporting innovation across disciplines.

7. **Rankings and Recognition**

- Aim to be within **top 100 positions in NIRF** rankings within five years.

- To secure 6 years NBA accreditation for 50% of the eligible programs.

8. **Sustainability and Green Campus**

- Transitioning to a **carbon-neutral campus** by implementing solar energy systems, waste recycling, and water conservation measures.

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