



Nagar Yuwak Shikshan Santha, Airoli's

DATTA MEGHE COLLEGE OF ENGINEERING

(Recognized by AICTE, DTE, Govt of Maharashtra & Affiliated To University of Mumbai)

NAAC (Cycle 2) 'A' Grade Accredited, NBA accredited (Chemical Engg. & Civil Engg.)

INSTITUTE DEVELOPMENT PLAN (IDP) For Inclusion under Section 2(f) of the UGC Act, 1956

1. Introduction

Datta Meghe College of Engineering (DMCE): A Pioneer in Engineering Education Founded in 1988, DMCE is a leading private engineering institution managed by Nagar Yuwak Shikshan Sanstha (NYSS) at Airoli, Navi Mumbai, Maharashtra. Accredited by NAAC, AICTE, and DTE, and affiliated with the University of Mumbai. The Departments of Chemical Engineering and Civil Engineering are accredited by the NBA. DMCE has established itself as a hub for excellence in engineering education, blending academic rigor with industry relevance.

DMCE offers undergraduate (B.E.) programs in Civil Engineering, Civil Infrastructure Engineering, Mechanical Engineering, Computer Engineering, Electronics & Telecommunication, Chemical Engineering, Information Technology, & Artificial Intelligence and Data Science, postgraduate (M.E.) programs in Civil Engineering, Mechanical Engineering, Computer Engineering, Electronics & Telecommunication and Doctoral (Ph.D.) programs in Civil Engineering, Mechanical Engineering, Computer Engineering, Electronics Engineering.

This Institute Development Plan (IDP) is prepared to present a strategic roadmap for academic expansion, infrastructure enhancement, research promotion, and governance reforms in line with the requirements for inclusion under Section 2(f) of the UGC Act, 1956.

2. Vision and Mission

Vision

- To create value - based technocrats to fit in the world of work and research

Mission

- To adopt the best engineering practices
- To empower students to work in the world of technology and research
- To create competent human beings

3. Institutional Profile

- **Name of the Institution:** Datta Meghe College of Engineering (DMCE)
- **Location:** Sector 3, Airoli Navi Mumbai -400708
- **Programmes Offered:**
UG

- Civil Engineering,
- Civil and Infrastructure Engineering,

Plot No. 98, Sector-3, Airoli, Navi Mumbai-400708 (INDIA)

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- Mechanical Engineering,
- Computer Engineering,
- Electronics & Telecommunication,
- Chemical Engineering,
- Information Technology,
- Artificial Intelligence and Data Science

PG(Post Graduate)

- Civil Engineering,
- Mechanical Engineering,
- Computer Engineering,
- Electronics & Telecommunication

PhD(Doctorate)

- Civil Engineering,
- Mechanical Engineering,
- Computer Engineering,
- Electronics Engineering

Affiliation: University of Mumbai

Approval: DTE, AICTE, Delhi

4. Objectives of the Development Plan

- To strengthen academic and administrative systems in line with UGC/AICTE norms
- To enhance infrastructure and learning resources
- To promote research, innovation, and consultancy
- To improve student employability and placement outcomes
- To achieve quality benchmarks for accreditation and recognition

5. Academic Development Plan

5.1 Curriculum Enrichment

- Adoption of industry-oriented curriculum aligned with NEP 2020
- Introduction of value-added courses (Data Analytics, Digital Marketing, Financial Modelling, Cyber Security)
- Skill enhancement and interdisciplinary learning modules

5.2 Teaching-Learning Process

- Implementation of Outcome-Based Education (OBE)
- Use of ICT tools, smart classrooms, and LMS
- Continuous internal evaluation and feedback system



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6. Research, Innovation, and Extension

- Promotion of faculty research publications and projects
- Encouragement for student research and innovation projects
- Organization of seminars, FDPs, and conferences
- Collaboration with industries and academic institutions

7. Infrastructure Development

7.1 Physical Infrastructure

- Well-equipped classrooms and computer labs
- Library with adequate books, journals, and e-resources
- Seminar halls and conference facilities Common facilities (canteen, medical aid, recreational spaces)

7.2 ICT Infrastructure

- Campus-wide high-speed internet/Wi-Fi
- Learning Management System (LMS)
- ERP for academic and administrative management

8. Faculty Development

- Recruitment of qualified faculty as per UGC/AICTE norms
- Faculty Development Programmes (FDPs) and workshops
- Encouragement for Ph.D., research, and consultancy
- Performance appraisal and incentive system

9. Student Support and Progression

- Scholarships and financial assistance
- Mentoring and counseling system
- Training for placements and competitive exams
- Internship and industry exposure opportunities

10. Industry Interaction and Placement

- Strengthening Training & Placement Cell
- MoUs with reputed organizations
- Internship and live project opportunities
- Guest lectures and industry visits

11. Governance and Institutional Management

- Transparent governance structure
- Decentralized administration



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- Implementation of e-governance practices
- Regular internal and external audits

12. Quality Assurance

- Mechanism strengthening of Internal Quality Assurance Cell (IQAC)
- Periodic academic and administrative audits
- Continuous feedback from stakeholders

13. Financial Resources and Sustainability

- Institutional budget planning and allocation
- Mobilization of funds through grants, consultancy, and partnerships
- Efficient financial management and auditing systems

14. Environmental Sustainability and Social Responsibility

- Green campus initiatives
- Waste management and energy conservation
- Community outreach and social engagement programmes

15. Expected Outcomes

- Improved academic quality and student performance
- Enhanced research output Better placement opportunities
- Achievement of accreditation
- Overall institutional growth and reputation

16. Conclusion

The Institute Development Plan reflects the commitment of Datta Meghe College of Engineering to align with the standards prescribed under Section 2(f) of the UGC Act, 1956. The planned initiatives aim at strengthening academic excellence, infrastructure, governance, and research capabilities, thereby ensuring sustainable growth and national recognition.



Dr Sudhirkumar D Sawarkar

Principal

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