BHARATI VIDYAPEETH COLLEGE OF ARCHITECTURE, NAVI MUMBAI

Affiliated to the University of Mumbai

Approved by COA

INSTITUTIONAL DEVELOPMENT PLAN

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1. INTRODUCTION

Institutional Profile:

In 1992, the Bharati Vidyapeeth's College of Architecture (BVCOA) was established in Navi Mumbai. The college was operating out of shared space at the Bharati Vidyapeeth's campus in Belapur. BVCOA is recognized by the Council of Architecture (COA) as an accredited provider of B. Arch and M. Arch programs for undergraduates and graduates, and it is affiliated with the University of Mumbai. Additionally connected to the college is the Directorate of Technical Education (DTE). Under the auspices of BVCOA, there are three-degree programs available: a three-year B. Voc-ID (Bachelor of Vocation in Interior Design) program with 60 student slots, a five-year B. Arch (Bachelor of

Architecture) program with 120 intake, and an M. Arch (Master of Architecture) program with 20 intake capacity.

The visionary efforts of both the management and the entire community have facilitated the expansion of our institute's horizons, contributed to its growth and infrastructural development, facilitated the introduction of a new course, and enabled the launch of the post-graduate program starting from the academic year 2023 - 2024.

2. INSTITUTIONAL DEVELOPMENT PLAN (IDP)

2.1. Vision:

Vision - To have a transformative impact for the society through dynamic education - Research, Innovation and Entrepreneurship".

Motto - **"Social Transformation through Dynamic Education"**.

2.2. Mission:

- To provide inclusive borderless access to higher education and vocational education based on merit.
- To offer professional and vocational education programs to meet the changing and diverse needs of society in a global context.
- To promote a student-centric approach, encourage progressive thinking and foster an environment that allows students to reach their full potential.
- To promote innovative quality research in diverse areas of development and engage in application of knowledge for community development.
- To promote extensive use of Information and Communication technology for enrichment of teaching learning and effective governance.
- To keep focus on quality aspects of the academic, administrative processes and various activities.
- To adapt the latest technologies and modern approaches to teaching and learning.
- To develop international and national potential knowledge partnerships.
- To promote sustainable practices and collaborating with industry partners to maintain professional standards.

2.3. Goals:

Achieving social, economic, and political reform of society is our aim. The college carries the responsibility of accomplishing these goals, which include raising student academic standards, advancing computer literacy, and raising public awareness of environmental, hygienic, and health issues. The institution is attempting to close the gap between rural and urban cultures and raise awareness against caste, creed, and gender prejudice by offering sufficient and contemporary educational facilities to rural youth. Aligning the curriculum to NEP 2020 and introducing new programs and courses of AICTE are the additional goals for our institution.

2.4.**Objectives:**

a. To improve educational institutions' infrastructure and quality to prepare students to be successful citizens.

b. To create yearly activity plans that close gaps and increase capacity.

c. To assure that all parties involved in the creation of institutions are meaningfully engaged.

d. To carry out periodic reviews and the necessary actions for ongoing enhancements**.**

e. The objectives are to provide students with a high-quality education, foster their overall academic success, install a sense of social responsibility in them, and develop their character.
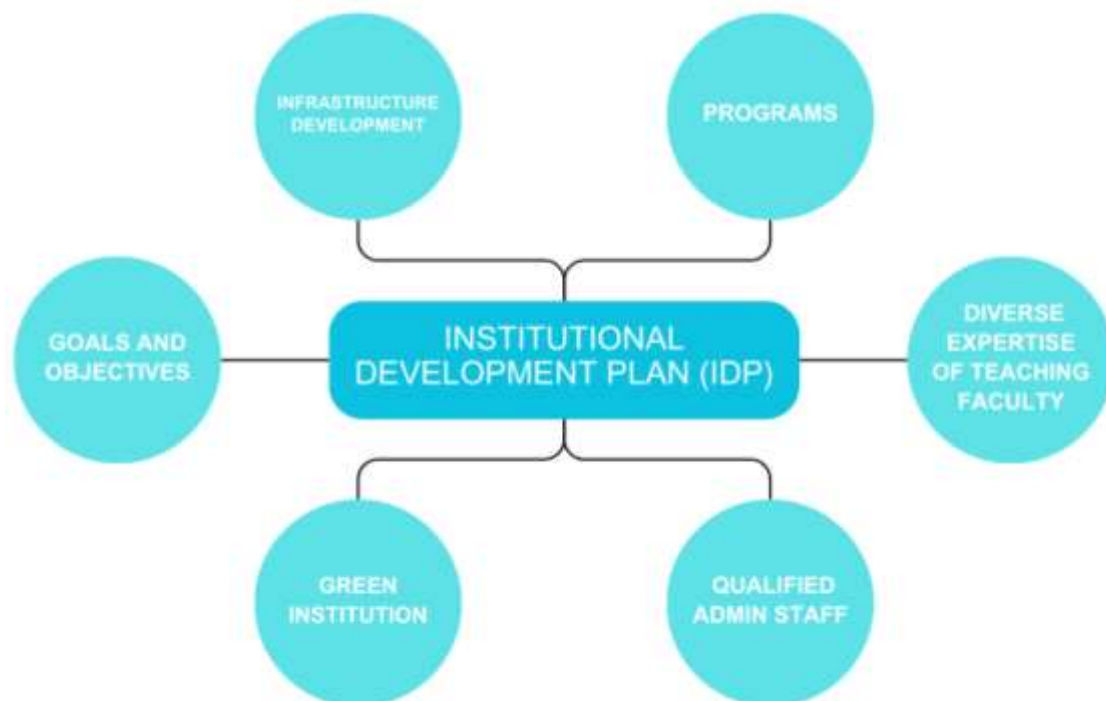
2.5 Strength, Weakness, Opportunity and Challenges (SWOC)

Institutional Strength

● Appointment of faculty as per the mandate of COA and Mumbai University

● Library with collection of over 10000+ books for students' reference along with national and international journals along with e-library having books and journals. Our institution has integrated library management software using online KOHA software.

● Two computer labs with capacity of 120 computers equipped with latest software as per the Programmed requirements.

● Provision of smart screens and projectors in classrooms.

● Good infrastructure confirming to Council of Architecture (COA), New Delhi Norms with well-equipped Material Lab, Climatology Lab and Environmental Lab, Exhibition Space, Multipurpose/Seminar Hall, Resource Center and Model Making, Students Center (NASA), Girls common rooms etc.

- Tie up and MOUs with various agencies like Stree Mukti Sanghatan, CADD Centre, Kharghar, IGBC, Rayat Centenary Innovation and Incubation Foundation, Indo- French Workshop for social and industry connect.
- Social outreach Programmed like International Conference (Mosaic) to promote interaction between the fraternity.
- Experts' sessions for higher studies in India and abroad.

Institutional Weakness

- Lack of Funds due to delay in receiving Government scholarship funds as 50 % students receive facility of various Government scholarship schemes.

Institutional Opportunity

- Enhanced faculty welfare schemes.
- Collaboration with NGOs and international Universities to enhance placement activity.
- Motivating and providing financial support to faculties for attending Faculty Development Programs and research and publication.
- Introducing new Certificate courses, UG Programmes, PG programmes, Doctoral Programmes.
- Ecosystem for innovation including incubation center and other initiatives for creation and transfer of knowledge.
- Strengthening the alumni association.
- Focus on environmental issues, challenges and student awareness towards sustainable development.

Institutional Challenge

- Immediate adaptation of NEP 2020.
- Establishment of a world class incubation center.
- Establishment of foreign language labs.
- Availing funds (scholarships) for infrastructure development.

2.6. DEVELOPING MOTIVATED AND ENERGIZED FACULTY

SHORT TERM STRATEGIES AND INITIATIVES (2 YEARS)

1	Enhancement of the teaching-learning process through the creation of modules by internal faculty that may be applied to online learning environments.
2	Encouraging and giving faculty members the resources they need to conduct research and take on consulting assignments.
3	Assisting academic staff members to attend national and international conferences, seminars, and workshops.

MIDTERM STRATEGIES AND INITIATIVES (5 YEARS)	
1	Providing incentives for carrying out research, writing articles, and giving paper presentations.
2	Encouragement of innovative teaching modules and curriculum development flexibility.
3	Promoting prospects for research and consulting through the local government sector.

LONG TERM GOALS (10YEARS)	
1	To provide opportunities for collaborative, multidisciplinary research with deputations and incentives.
2	To provide opportunities for consulting and research via the private sector.

2.7. TEACHING, LEARNING AND EDUCATION TECHNOLOGY

SHORT TERM STRATEGIES AND INITIATIVES (2 YEARS)	
1	Curriculum alignment with NEP 2020 goals and the Mumbai University Curriculum and module alignment to support objective, skill-based learning (OBE).
2	Creation of an Organized System for Student Performance Outcomes and Assessment Reforms.

3	Including one elective module per semester that can be completed through NPTEL or MOOC.
4	Students have registered for ABC – Academic Bank of credits.

MIDTERM STRATEGIES AND INITIATIVES (5 YEARS)	
1	Using online education to integrate multidisciplinary elective courses.
2	Collaborative studio projects through design and construction projects.

LONG TERM GOALS (10YEARS)	
1	Coordination of the building construction sector through seminars and cooperative research projects.
2	Hands-on training at all levels based on real-life projects
3	Progress towards becoming a Research Centre for Architectural Design.

2.8. RESEARCH DEVELOPMENT AND INNOVATION

SHORT TERM STRATEGIES AND INITIATIVES (2 YEARS)	
1	Initiating M. Arch. Department in Landscape Architecture.
2	Faculty Development Programmes through COA.
3	Research and paper writing for faculties.

MIDTERM STRATEGIES AND INITIATIVES (5 YEARS)	
1	Starting PhD. Research centre in our esteemed organization.
2	Increasing focus on research for development of faculties growth.
3	Focus on Patents for development of faculties growth.

LONG TERM GOALS (10YEARS)	
1	To be established as a centre of excellence in Design.
2	Contribute to field research needs.
3	To identify and bridge gaps in practice and academia.

2.9. INDUSTRY-ACADEMIC PARTNERSHIP

SHORT TERM STRATEGIES AND INITIATIVES (2 YEARS)	
1	To seek opportunity for students as interns and full-time recruitment in reputed firms.
2	To engage practitioners to deliver practical knowledge and orientation to students.
3	Industry collaborations for material study.

MIDTERM STRATEGIES AND INITIATIVES (5 YEARS)	

1	Research collaboration for live projects in local municipal corporation/government bodies & Rayat Shikshan Sanstha.
2	Consultancy to medium-scale projects.
3	To connect with practicing alumni and collaborate with them.

LONG TERM GOALS (10YEARS)	
1	To establish institute's consultancy cell.
2	Environmental, Landscape and Feasibility consultancy.
3	Project Design & Management consultancy and services.

2.10. INSTITUTIONAL PLACEMENT PLAN FOR STUDENTS

SHORT TERM STRATEGIES AND INITIATIVES (2 YEARS)	
1	The survey is to be conducted to understand the interest of students and help them to get along with the placement activities.
2	Counselling of students related to attitudes, etiquette, interview skills, Teamwork and Leadership. National companies.
3	Placement drives with placement target of 25%.

MIDTERM STRATEGIES AND INITIATIVES (5 YEARS)	
1	Carrer counselling session to be held by Counceller.
2	Competitive/Entrance exam like GATE training essential for Postgraduate studies.
3	Strengthen the Alumni association to improve employability of students through intervention, motivation speeches and workplace related training with placement target 40%.

LONG TERM GOALS (10YEARS)	
1	Collaboration with placement agencies and multinational companies, Construction and Building Industries.
2	The orientation programmed for students to establish their own start up offices and freelancing works.
3	Market surveys for skill set requirement for placement with placement target 60%.

2.11. ACHIEVING THE TARGET FOR ACCREDITATION

SHORT TERM STRATEGIES AND INITIATIVES (2 YEARS)	
1	Implementation & review of NEP 2020, meeting requirements of NAAC and NIRF and to work towards achieving an A++ grade in the next cycle of NAAC.

2	Boost the number of Ph.D. student strength in the institute and Promote research publications in Scopus/WoS.
3	Internal Academic and Administrative Audit Procedures to be conducted.

MIDTERM STRATEGIES AND INITIATIVES (5 YEARS)	
1	To feature among top 100 colleges in NIRF ranking. To achieve an A++ grade in the next cycle of NAAC.
2	An increase in the contributions and involvement of alumni. Creating up to two best practices that are not already in use.
3	Green Audit of college/campus. Expanding partnerships with both domestic and global institutions.

LONG TERM GOALS (10YEARS)	
1	Expansion and maintenance of Research & teaching infrastructure.
2	Improvement in number of Ph.D. awarded faculties.
3	Quality enhancement at all levels to achieve and maintain high grades and ranking.

2.12. INCUBATION AND START-UP

SHORT TERM STRATEGIES AND INITIATIVES (2 YEARS)	
1	Rejuvenation of Consultant cell and proposal to the government.
2	Encouragement of faculty to take up architectural projects individually and as a group.

MIDTERM STRATEGIES AND INITIATIVES (5 YEARS)	
1	Social outreach work for other institutions and government agencies.
2	Research and architectural assistants for institution Consultancy projects and aim for research with grants.
3	To have patents for students and faculties.
4	Establishment of co-working space for fresh graduates.

LONG TERM GOALS (10YEARS)	
1	Consultancy cell to take up projects at the Pan India level.
2	To establish co-working space for development of resources and Consultancy projects.
3	Capacity building for Research and consultancy projects.

2.13. ALUMINI ENGAGEMENT/ACTIVITIES PLAN

SHORT TERM STRATEGIES AND INITIATIVES (2 YEARS)

1	Sustaining the alumni database and continually updating its information using ERP – MIS.
2	Organizing an Alumni Meet.
3	Arranging seminars and guest lectures by Alumni for current students and other alumni as a part of the Alumni meet.
4	Collect Alumni Feedback to get alumni suggestions for curriculum development.

	MIDTERM STRATEGIES AND INITIATIVES (5 YEARS)
1	Identify and Increase Alumni engagement in College activities through participation in college or inter-college activities, mentoring and joining in viva's.
2	Involving Alumni Association in the process of Providing Placement.
3	Increasing financial contribution for strengthening the infrastructural facilities, towards student prizes and scholarships.

	LONG TERM GOALS (10YEARS)
1	Working in collaboration with the Publication portfolio to include articles about Alumni in the Newsletters and magazine.
2	Issue Alumni membership card to provide access to all national and international seminars and conferences and other skill developmental activities conducted in the institute through Bharati Vidyapeeth MOU's. e.g.: NPTEL, IGBC, etc.
3	Incorporating highly motivated and successful alumni into advisory roles and involving them in academic monitoring and student development committees.

2.14. BASIC INFRASTRUCTURE DEVELOPMENT PLAN

	SHORT TERM STRATEGIES AND INITIATIVES (2 YEARS)
1	Repair and maintenance of existing building.
2	To setup new fully furnished and equipped air-conditioned Hi-tech computer lab.

	MIDTERM STRATEGIES AND INITIATIVES (5 YEARS)
1	Repair and Renovation of all the toilets and plumbing services.
2	Repair and replacement of existing furniture as per requirement.
3	Providing smart board for all classroom/ studio.

	LONG TERM GOALS (10YEARS)
1	To have a free Wi-Fi campus.
2	Retrofitting of institute building.
3	Procurement of additional area as per requirement for commencement of new courses.

2.15. SKILL DEVELOPMENT OF NON-TEACHING STAFF

	SHORT TERM STRATEGIES AND INITIATIVES (2 YEARS)
1	Short-term training programmes for efficient office management.
2	Computer training with data management systems for file movement and accessibility.
3	Best practices for Office management, including Online movement of letters and files and circulars.
	MIDTERM STRATEGIES AND INITIATIVES (5 YEARS)
1	Incorporating Digital attendance system.
2	Result orientated staff.
3	Arranging training and motivational lectures for upgrading performance efficiency..
	LONG TERM GOALS (10YEARS)
1	Incentives for higher education for support staff.
2	To establish welfare measures and healthy ambience.

2.16. ANY OTHER INITIATIVE FOR THE STUDENT'S AND INSTITUTIONAL GROWTH

	SHORT TERM STRATEGIES AND INITIATIVES (2 YEARS)
1	To provide all students equitable access to quality education.
2	Mentoring students for winning trophies in design and other competitions hosted by the National Association of Students of Architecture (NASA) and motivating students to increase the participation in other national level design competitions.
3	Organize national as well as international tours.
4	Organizing Career guidance sessions for recent graduates.
	MIDTERM STRATEGIES AND INITIATIVES (5 YEARS)
1	To conduct courses for preparation of GATE other competitive exams.
	LONG TERM GOALS (10YEARS)
1	Joint initiatives with the Consultancy Cell and new graduates.