

Dr. B.N. College of Architecture, for Women

MKSSS - Empowering women since 1896



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S
DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN
KARVE NAGAR PUNE 411052

Design

Research

Exploration



Maharashtra's First Course to Start in

M.Arch.

Landscape Architecture

TWO YEARS FULL TIME COURSE

**RECOGNIZED BY I.S.O.L.A. (INDIAN SOCIETY OF LANDSCAPE ARCHITECTS)
COUNCIL OF ARCHITECTURE (C.O.A.) INDIA
AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY**

Department of Landscape Architecture at BNCA, MKSSS was established in 2006. The department's primary goal is to impart education in Landscape Architecture at post-graduate level.

It is always been a place to learn, to initiate and to express one's own ideas and thoughts, through various activities, discussions and workshops related to the field of Landscape Architecture at local, national and international level. The **Department's philosophy focuses on imparting quality education and on strengthening the profession through Design, planning and Research in Landscape Architecture.**

WE

ARE COLLABORATE
REFLECT EXPERIMENT INITIATE EXPLORE DO OFFER CELEBRATE
PARTICIPATE IDEATE INVITE
PUBLISH VALUE DISCUSS ACHIEVE
PUBLISH COLLABORATE
CONNECT EXPERIENCE
EXPRESS ASPIRE LEARN TRAVEL

We Are

GOALS OF THE COURSE

To understand and evolve Landscape Design and its vocabulary for Indian contemporary and futuristic Landscapes.

To develop awareness with respect to cultural, environmental and technological issues and opportunities through pedagogical process.

To equip students to become sensitive and responsible Landscape Architecture professionals.

THRUST AREAS

- **Landscape Architecture as a discipline beyond design and planning.**
- **Emphasis on spatial design as a tool to respond to the issue sustainability.**
- **Landscape and traditional wisdom interdisciplinary collaboration with allied disciplines.**
- **Allied professions, academics and practice.**
- **Multi-dimensional perspective.**

Core Subject Faculty



Dr. Swati Sahasrabudhe

Professor, Head of the Department

Design Thinking Expert



Kshitija Kolhatkar

Associate Professor

Practicing Landscape Architect



Snehal Mizar

Associate Professor

Practicing Landscape Architect



Anupama Khatavkar

Assistant Professor

Landscape Graphics &
Illustration Expert



Neha Adkar

Assistant Professor

Sustainable Landscapes Expert



Amruta Barve

Assistant Professor

Art & Literature Expert

Our Faculty

Allied Subject Faculty



Prerna Agarwal
Visiting Faculty
Ecology Expert



Rakesh Gandhi
Visiting Faculty
Software, Graphics Expert



Dr. Nikhil Shejwalkar
Visiting Faculty
GIS Expert



Kaustubh Moghe
Visiting Faculty
Geology and Ecology Expert



Ketaki Ghate
Visiting Faculty
Botany and Ecology Expert



Adv. Dr. Gauri Joshi
Visiting Faculty
Environmental Law Expert



Dr. Rani Bhagat
Visiting Faculty
Botany Expert



Dr. Dhananjay Meshram
Visiting Faculty
Geology Expert

We Offer

Pedagogical Approach through
design, planning and research

- Natural Sciences
- Theory of Landscape Architecture
- Landscape Construction & Services
- Plants and Design
- Landscape Design Studio
- Ecology and Ecosystem Analysis
- Degraded and Disturbed Landscapes
- Sustainable Landscape Practices
- Cultural Landscapes
- Landscape Professional Practices
- Landscape Management
- Research in Landscape Architecture
- Environmental Legislation
- Landscape Conservation, Planning and Management.
- Landscape Architectural Project
- GIS and Computer Applications
- Environmental Impact Assessment
- Landscape Urbanism
- Landscape Architecture and Allied Arts
- Universal Design
- Social and Behavioral Studies
- Landscape Journalism
- Art in Landscape
- Nature and Community
- Horticultural Practices

We Offer **Financial Support**

Scholarships

Teaching Assistantships

Earn and Learn Opportunities

We Offer

Placement and Career Opportunities

We take pride in offering comprehensive placement and career opportunities tailored to individual strengths and aspirations. Our dedicated team collaborates closely with candidates to identify suitable roles and provide guidance at every stage of their career journey. From internships to executive positions, we strive to match talent with rewarding opportunities that align with their skills, values, and long-term goals. Through our network of industry connections and personalized support, we aim to empower individuals to achieve professional success and fulfillment.

We **Aspire**

We aspire to learn, research and explore Multifaceted Dimensions of Landscape Architecture

- Starting one's own Landscape Architectural Firm
- Associating with established national and international LA firms.
- Associating with Governmental/ Non-Governmental/ Corporate Sector as experts
- Pursuing further studies in Doctoral Research
- Associating with teaching and academics and research
- Pursuing further studies in allied disciplines
- Pursuing journalism in Landscape Architecture
- Start one's own Landscape Management Firm
- Associating / Collaborating with ecologists for Landscape Restoration works
- Working with multidisciplinary firms
- (environmental services, urban/regional/ rural planning, urban design, heritage and conservation organizations etc.)

PROSPECTS IN -

- **JOB/
EMPLOYEE**
- **RESEARCH**
- **CONSULTANT /
ENTREPRENEUR**

We believe in a futuristic approach yet rooted in our traditional wisdom. We as women's institute imparting Landscape Architecture education, aspire to contribute meaningfully to the society at large.

We Learn



Indoors... (In Studios)



...and Outdoors (On Field)

Landscape Design Studio Themes

CONTEMPORARY URBAN LANDSCAPES

USER-CENTRIC DESIGNED LANDSCAPES

- landscape For a Rowing Channel Site, CME, Pune
- Landscape For Industries
- Urban Parks
- Iskon Temple Campuses
- Old Age Homes
- Children's Play Areas
- Farmhouses
- Housing Projects
- Resorts

- Urban Biodiversity park
- Urban Liveability
- Child in a Cityscape
- Urban Mobility and Deliberative Democracy
- Golf Course on Urban Wastelands
- Climate Change
- Urban Forest
- Urban Children's Park
- Urban Ecology
- Heat Action Plan
- Futuristic Urban Park

CULTURAL LANDSCAPES

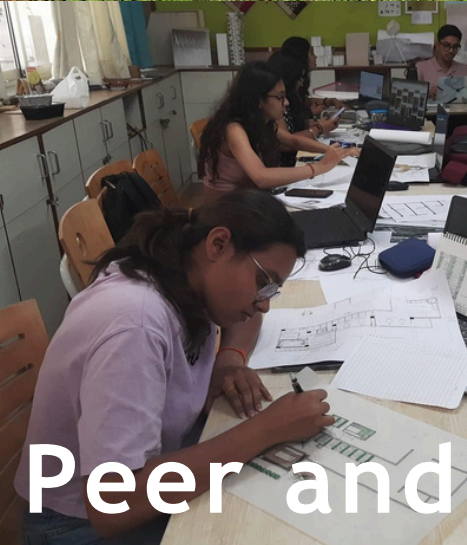
-
- Warje Hill Restoration & Landscape Planning
 - Biodiversity Mapping of Parks of Pune

- Forts of Maharashtra Orcha, MP
- Ellora, Aurangabad
- Bani Begum Bagh
- Daulatabad and Khuldabad -
- Sufi Landscapes
- Trimbakeshwar and Anjaneri, Nashik
- Ayodhya
- Ashtavinayak
- Regional Landscapes of Nashik
- Dhangar Landscapes
- Cultural Landscapes of Asud, Dapoli, Konkan

LANDSCAPE ECOLOGIES

We LEARN

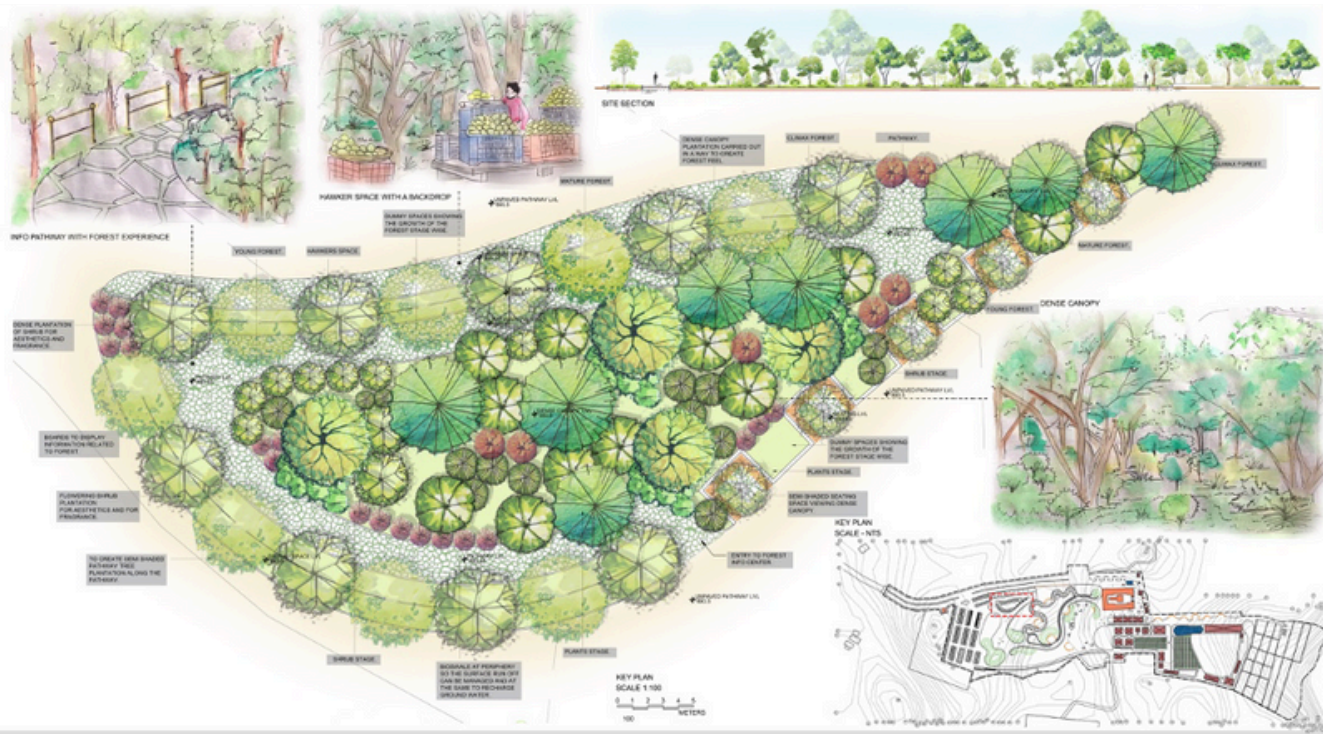
Field learning



Peer and Interdisciplinary Learning



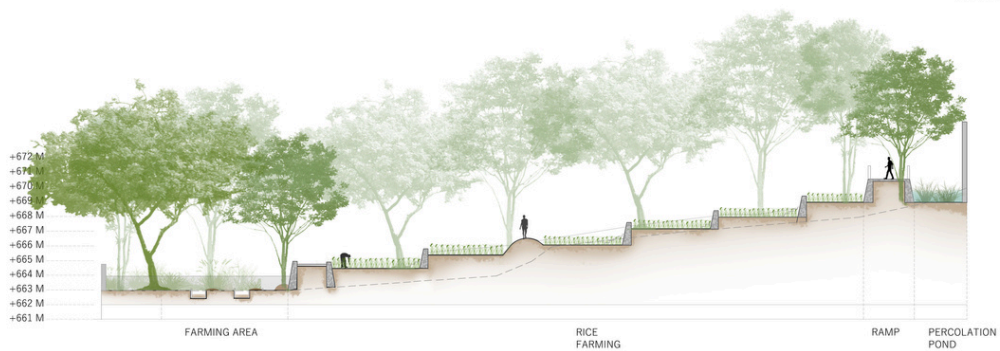
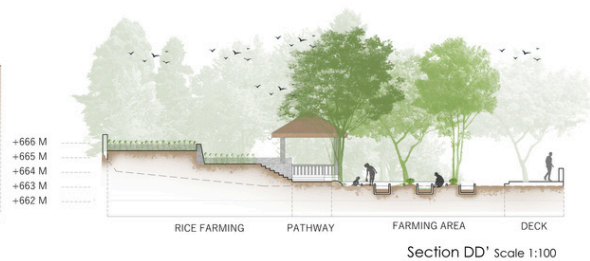
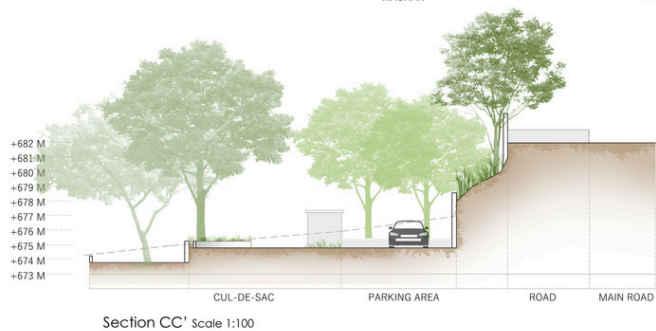
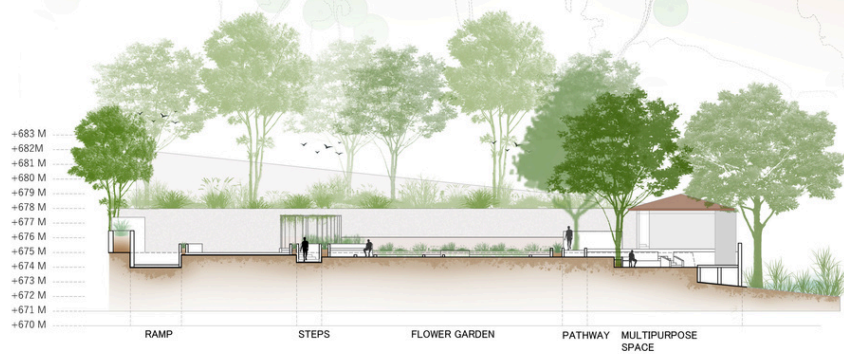
We LEARN

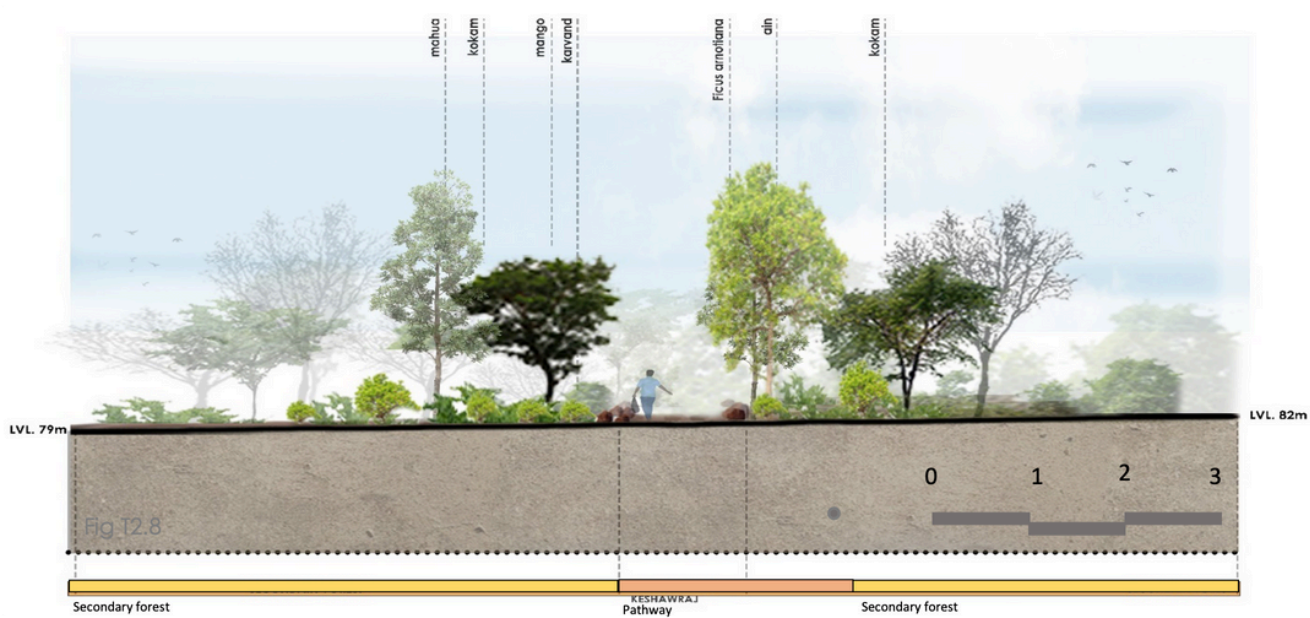
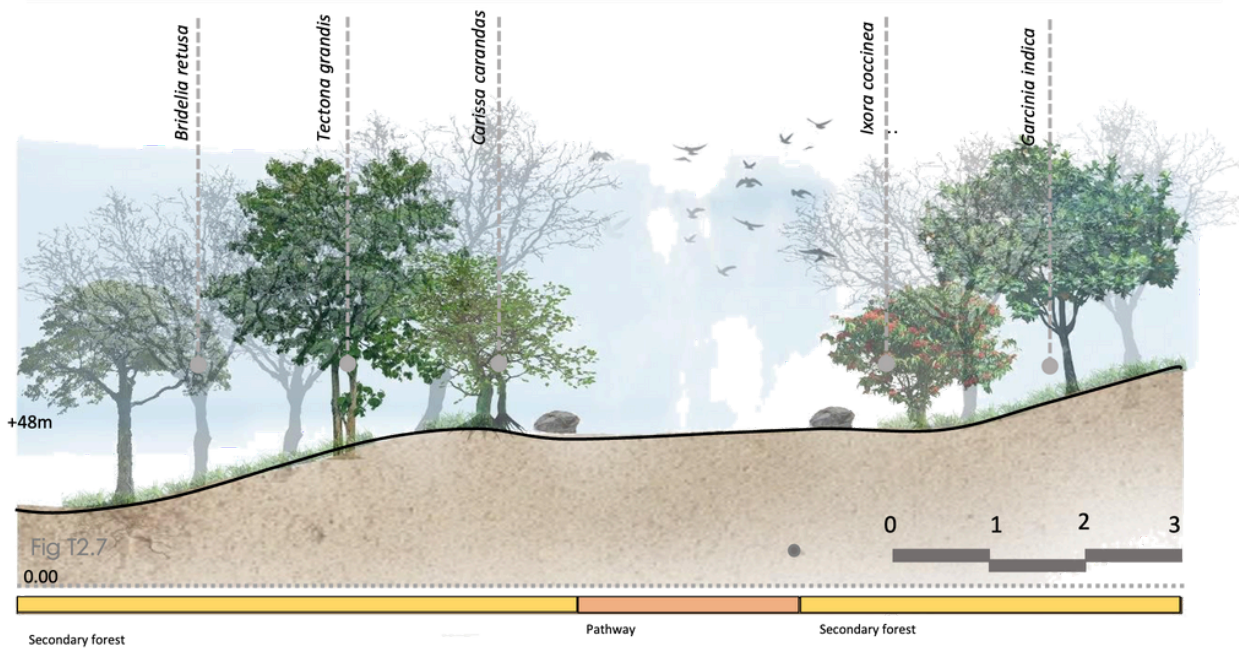


SECTIONAL DETAIL AT G-G
SCALE 1:20



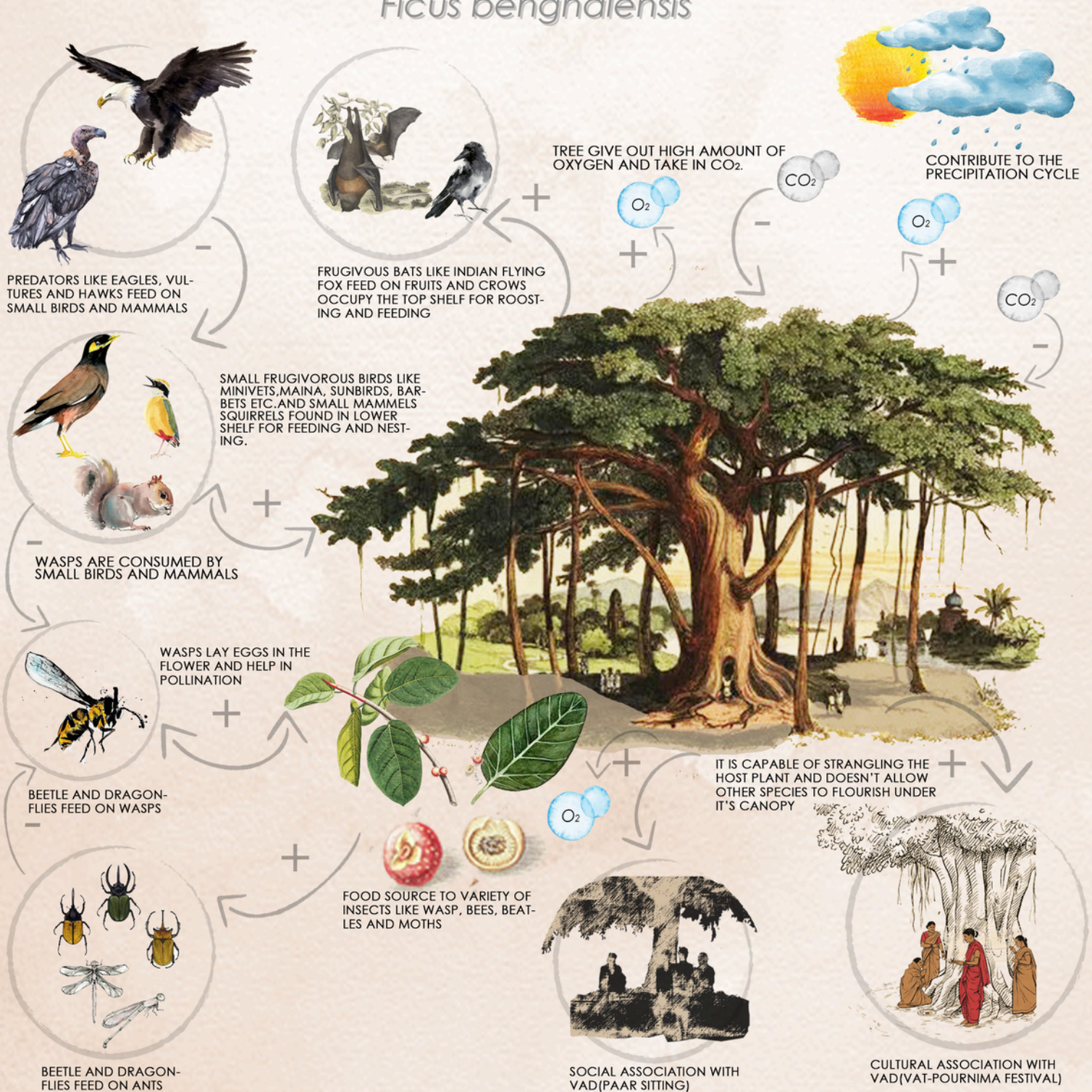
SECTIONAL DETAIL AT F-F
SCALE 1:20





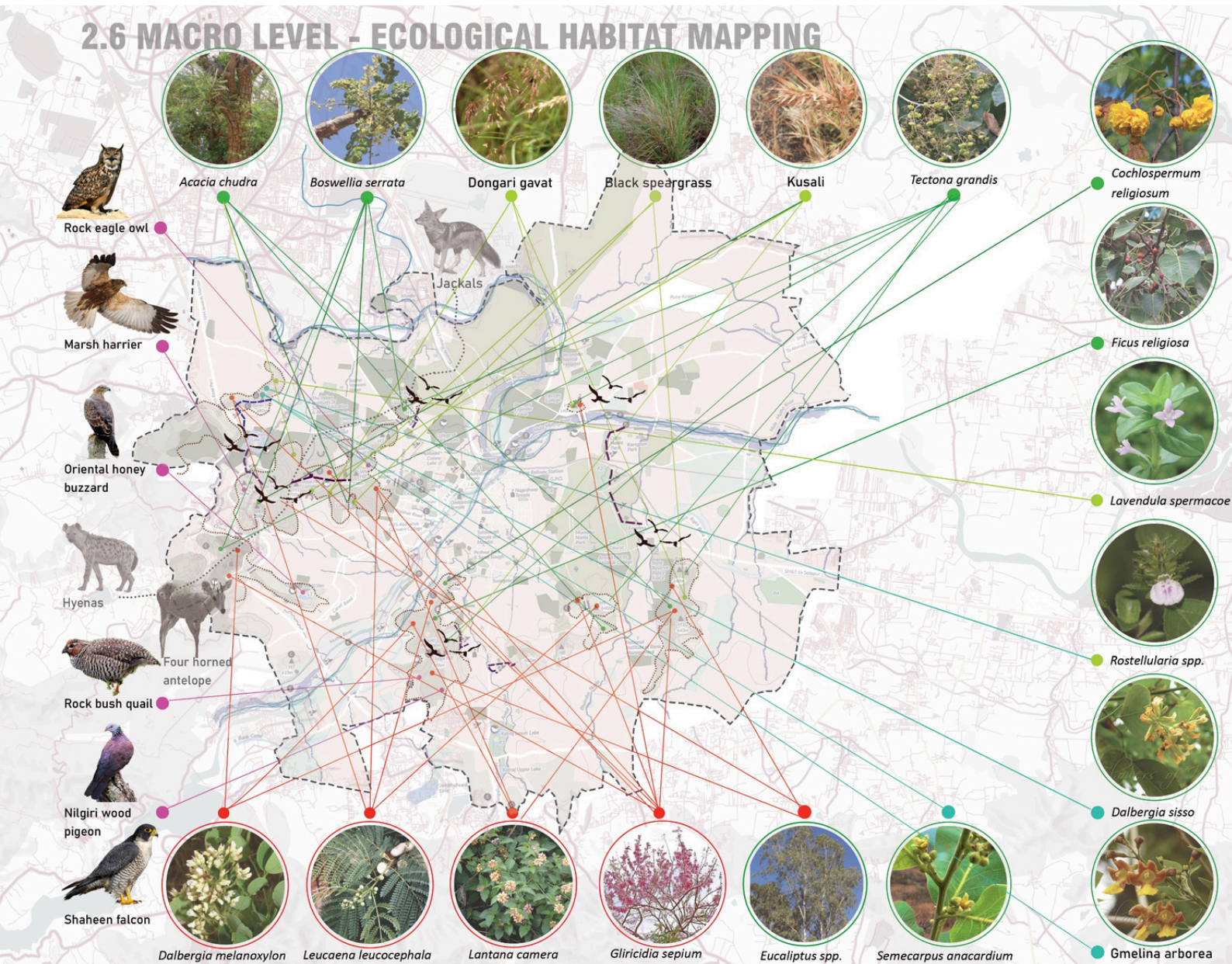
We LEARN

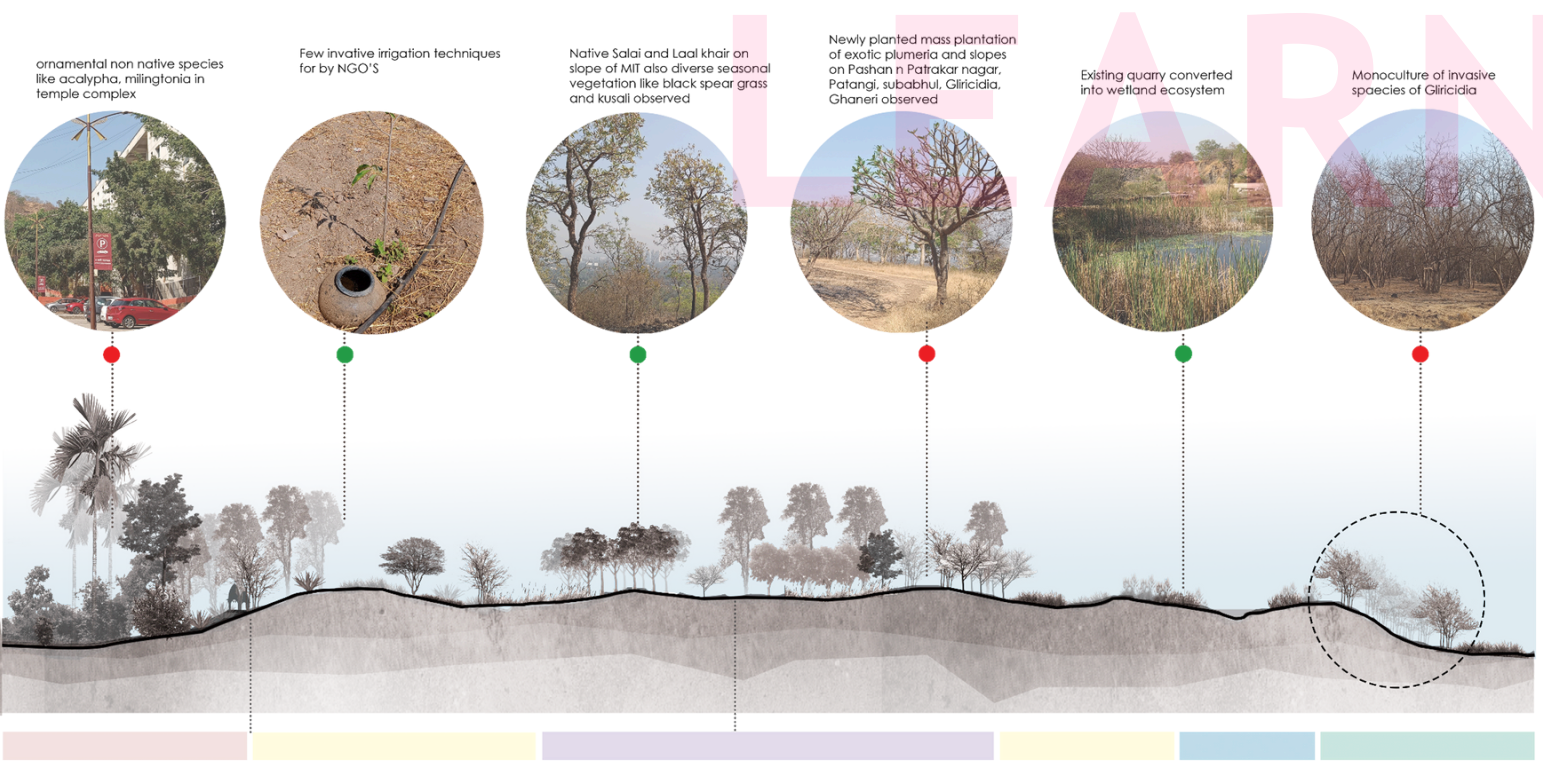
Ficus benghalensis



We LEARN

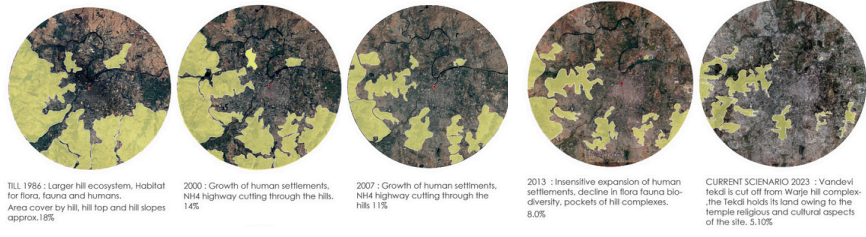
2.6 MACRO LEVEL - ECOLOGICAL HABITAT MAPPING





SECTION SHOWING TYPICAL VEGETATION SYSTEM OF VETAL HILL

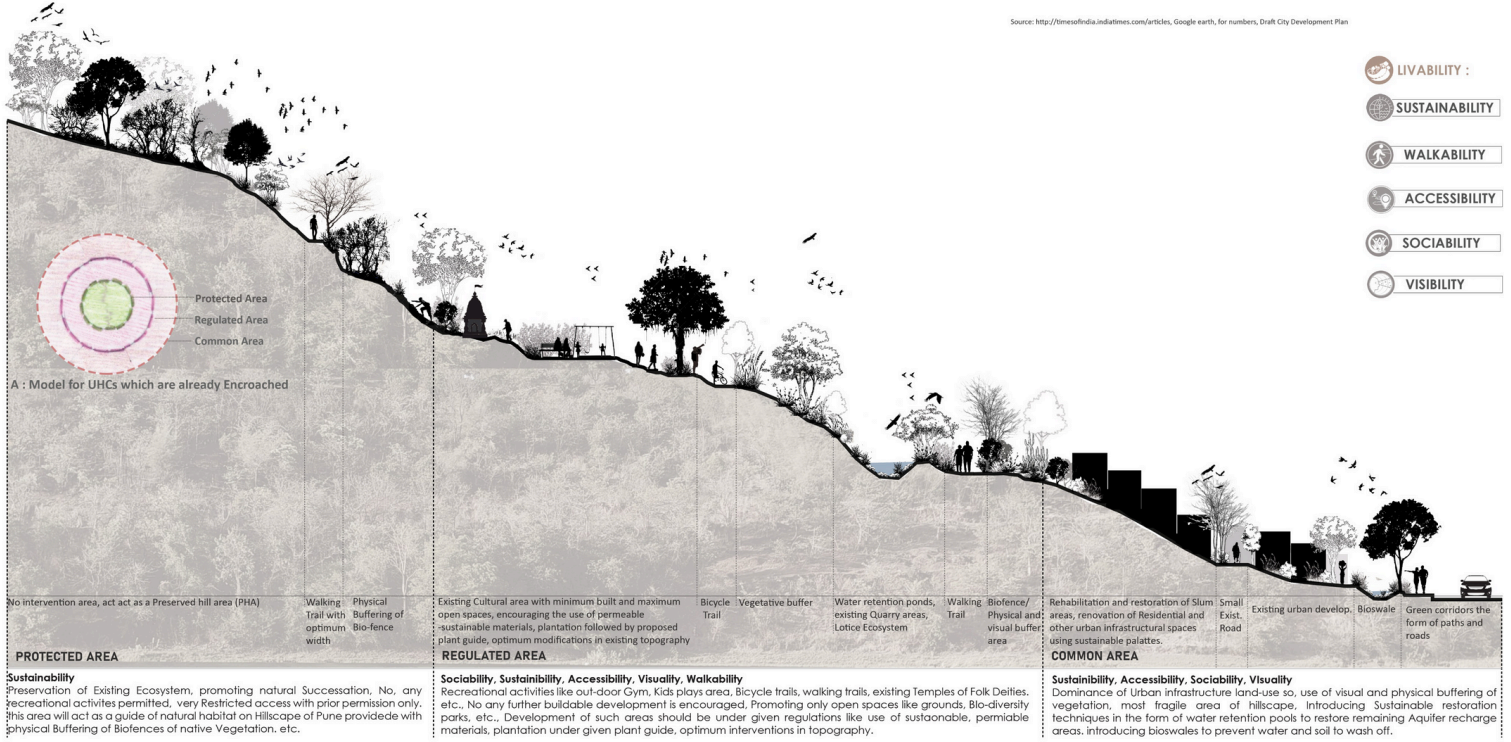
TIMELINE SHOWING CHANGING UHCs of PUNE



INFERENCES :
Before 1986, under due to the Urban Development, the state policies and budget focused more on departments, like irrigation, agriculture, rural development, and roads etc. Most population spread in and around the city, ultimately pressure on the natural resources increased. Encroachment is one the result of this process.
As per the landuse distribution of Pune city 2041, the total area covered under hills and hill slopes is 1245 ha i.e. 5.10% of the total land.

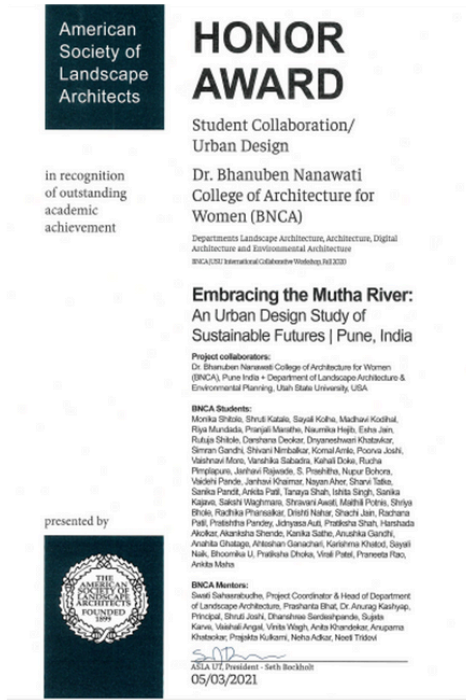
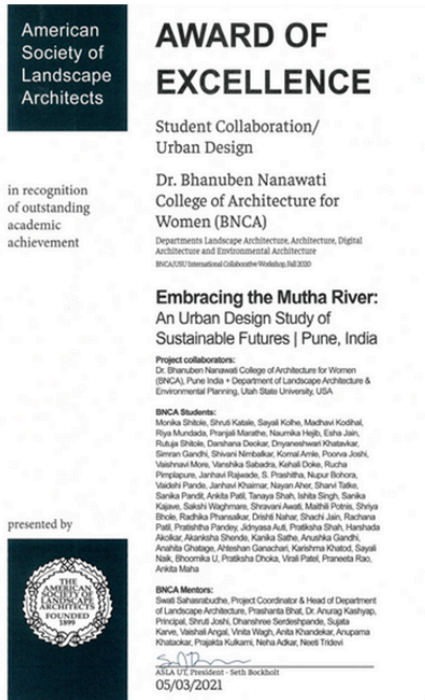
Source: <http://timesofindia.indiatimes.com/articles>, Google earth, for numbers, Draft City Development Plan

PROPOSED ACTIVITY MODEL - 3



- LIVABILITY :
- SUSTAINABILITY
- WALKABILITY
- ACCESSIBILITY
- SOCIABILITY
- VISIBILITY

We Achieve Awards and Recognitions



Avishkar Research Award -2023-24

Selection in State level
Competition - part of SPPU
(Pune University) Team of
Avishkar Research
Competition 2023-24
Shivali Lalbije -
Coexistence of Urban
Degraded quarry
landscape and urban
ecosystem in Pune City

COA Award - 2019 -
Shreya Shah - Landscape
Planning Policies for Zuari
Estuary, Goa

**Award of Excellence and Honour Award by ASLA
(American Society of landscape Architects) - To
the Department of Landscape Architecture, BNCA
For - Student collaboration with Department of
LAEP at Utah State University, U.S.A**

**SILA (Singapore Institute
of Landscape Architects)
Award -2023 - Rajnandini
Kolte** - baugs in the 18th
century peshwa period-
conservation strategies for
historic urban landscapes.

Isola Awards : Prabhakar Bhagwat Student Award

2010-11 Anupama Bapat - Landscape proposal for abandoned quarry-scape at
Wagholi, Pune

2013- Vaishali Ganesh Kale - Commendation - Crematorium Landscapes - from grey
to green, Dapodi, Pune, Maharashtra.

2016-2017 - Priya Sharma - Landscape for Reverence and Commemoration
Tanvi Chaudhari - Holistic Conservation of Bhimashankar

2019 - Shreya Shah - Landscape Planning Policies for Zuari Estuary, Goa

2019 - Commendation - Aditi Japtiwale - Landscape Planning for Disaster
Mitigation and rehabilitation of settlement in Landslide prone Area, Panchale, Pune.

We Collaborate





We Invite

- Ecologists
- Ecological Restoration Experts
- Geologists
- Hydrologists
- Botanists
- GIS experts
- Environmental Lawyers
- Architects
- Landscape Architects
- Landscape Managers
- Landscape Lighting Designers
- Green wall experts
- Landscape Journalists
- Cultural Landscape Experts
- Urban Designers
- Urban Planners
- Regional Planners
- Conservation Architects
- Parametric Design Experts
- Artists
- Researchers

We

Invite



WORKSHOPS, SYMPOSIUMS, LECTURE SERIES

We Reach Out

**TOWARDS
ECOLOGICAL LANDSCAPE**

Landscape Architecture | Pune and its Environs

SYMPOSIUM

SEPTEMBER | 19 SAT | 2015
9 am to 5 pm

Auditorium I 3RD Floor | Mechanical Engineering Building
Cummins College Campus
Maharshi Karve Stree Shikshan Samstha
Karvenagar | PUNE

Prof. Shubhada Kamalapurkar, Academic Co-ordinator

CONCEPTUALISED AND INITIATED BY
Swati Sahasrabudhe & Peeyush Sekhsaria

SUPPORTED BY
Dr. Anurag Kashyap, Principal
Prof. Shubhada Kamalapurkar, Academic Co-ordinator

CONTACT
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Peeyush Sekhsaria, Architect, Geographer, 0-9800796609
Uma Raje, Landscape Architect, 0-9819737564
Anupama Khataikar, Landscape Architect, 0-9423013983

Department of Landscape Architecture

**URBAN FOREST
LECTURE SERIES**

SEPTEMBER | 1 TUE | 2 WED | 3 THS | 2015
9 AM TO 2 PM

I.T HALL | 3RD FLOOR | MECHANICAL BUILDING
Cummins College Campus
Maharshi Karve Stree Shikshan Samstha
Karvenagar | PUNE

An Initiative
TOWARDS LIVABLE CITIES
Department of Landscape Architecture, BNCA

SUPPORTED BY
Dr. Anurag Kashyap, Principal
Prof. Shubhada Kamalapurkar, Academic Co-ordinator

ORGANISING TEAM
Swati Sahasrabudhe, Landscape Architect, HOD, 0-9850986751
Uma Raje, Landscape Architect, 0-9819737564
Anupama Khataikar, Landscape Architect, 0-9423013983

NATIONAL WORKSHOP
8th AND 9th JAN, 2015 | BNCA, Pune

**DESIGN THINKING
IN LANDSCAPE ARCHITECTURE**

ORGANISED BY
Department of Landscape Architecture (LA), BNCA

SUPPORTED BY
Savitribai Phule Pune University, Pune

Dr. Anurag Kashyap
Principal, BNCA

Prof. Shubhada Kamalapurkar
HOD, Department of LA, BNCA

Swati Sahasrabudhe, Asso. Prof., BNCA
Workshop Co-ordinator 0 98 50 98 67 51
swati.landscapistudio@gmail.com
swatis@bnca.ac.in

Landscape Architects' Forum

**LANDSCAPE SAFARI THROUGH
DESERTS OF
UAE & NORTH OMAN**

By
KAUSTUBH MOGHE

Kaustubh Moghe is an ecologist & conservation biologist. Kaustubh works in India as well as in UAE and Oman. He has been working in this region since year 2007. He has carried out number of ecology studies for wide ranging sectors including oil and gas development, infrastructure - roads and railway, power, Industrial Development, SEZ, and realty and tourism. Apart from this he conducts biodiversity and ecology studies and provides conservation inputs for the planners and project proponents.

This presentation will showcase the regional character, the natural features, landscapes and associated ecosystems in the United Arab Emirates (UAE) and the Sultanate of North Oman. The regional landscape comprises of diverse landforms which now exist in two different countries. Some of these include Al Hajar Mountains, the sand desert commonly known as 'the empty quarter' or Rub Al Khali in Arabic and the stony gravel desert.

All these features are dissected by dry water courses known as 'Wadis' (in Arabic). In between one can see the oasis in the mountains or within sand desert, which supports life as well as human settlements. This seemingly lifeless and listless landscape is full of diverse life forms adapted to these arid and at times hyperarid conditions.

This presentation will take you through this amazing landscape which is undergoing rapid change. It is very different than what one would see in the large cities like Dubai, Abu Dhabi, Sharjah or Muscat.

10th Jan | FRIDAY | 3 PM to 5 PM
Seminar Hall, First Floor, BNCA

Open For All!

DEPARTMENT OF LANDSCAPE ARCHITECTURE

Department of Landscape Architecture

18th to 28th FEB 2020

About the Workshop
Urban ecology is a study of human dominated ecosystems where human species is a central agent in urban habitats and natural ecology. It is a process where cultural ecology is superimposed on natural ecology, creating urban ecology. The goal is to conduct interdisciplinary and collaborative landscape design process with respect to urban ecological processes. A holistic approach for integrating ecology into landscape and urban planning, for the wellbeing of urban environment and its people.

**Workshop On
URBAN ECOLOGY**
A perspective for well-being, Pune City

ECOSYSTEM ECOLOGY
Urban Processes
Ecosystem Function
Ecological Footprint

Urban Texture
Urban System
Urban Pattern
Biodiversity

Niche Corridor
Landscape Ecology

Mentors
Dr. Swati Sahasrabudhe
Manjiri Mahajan
Kshitija Kolhatkar
Neha Adkar
Shefali Patwardhan
Varsha Gavandi
Ketaki Ghate
Kaustubh Moghe
Dr. Nikhil Shejwalkar
Anupama Khataikar
Amruta Barve

Concept : Dr. Swati Sahasrabudhe
Professor and HOD, Department of Landscape Architecture
Co-ordinator : Neha Adkar
Supported by : Dr. Anurag Kashyap
Principal, BNCA

**NEW URBAN INSERTS
OLD MORPHOLOGIES**

Department of LAEP at Utah State University, U.S.A.
Department of Landscape Architecture
Department of Environmental Architecture
Department of Digital Architecture
And Bachelor of Architecture
At BNCA, Pune

GUIDED BY : INTERNATIONAL MENTORS

This collaborative workshop aims at taking a fresh look at the overlays of natural and man-made, tangible and intangible, for new urban inserts as interventions in the existing fabric of the city focusing on one of the representative zones of the city, having river Mutha as the significant element of the same. The zone also includes an area belonging to the old Pune on its south-eastern side and belonging to the comparatively new development on its north-western side.

Takeaways from the workshop:
• Learnings from renowned international experts
• Multidisciplinary approach towards capacity building
• Interactive ways of learning online and knowledge exchanges throughout the workshop
• Opportunities for future collaborations
• E-Certificate on completion

OCT 19-30, 2020

Initiated by
Department of Landscape Architecture, BNCA and
Department of Landscape Architecture and Environmental Planning, USU

An International Online Collaborative Workshop

WLAM

World Landscape Architecture Month

Celebration of World Landscape Architecture Month through different activities and site visits with students and professionals.

TECH-FEST
Landscape Technology Festival

US_LA

Under the Sky Called Landscape Architecture

THEFEST

Memories @

LANDSCAPE

LA Forum

Landscape Architect's Forum

A platform for multidisciplinary people to express ideas, brainstorm, present their work and interact.

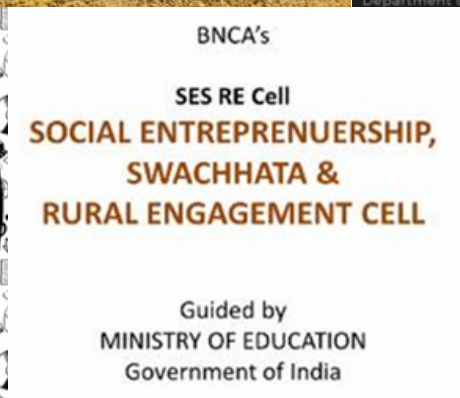
Thesis Festival

MLA BNCA

LAB

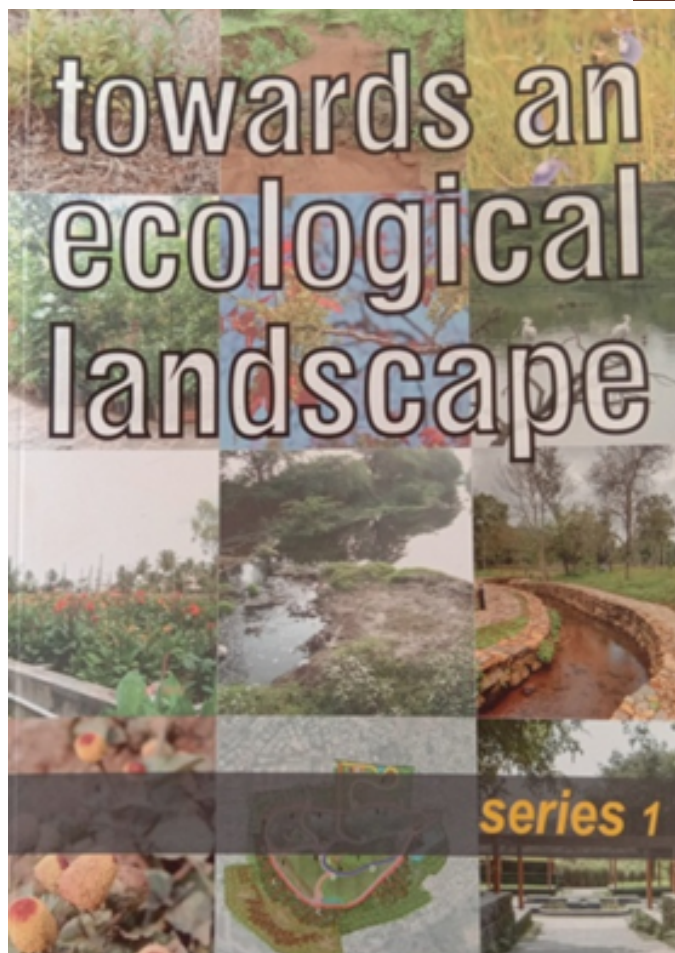
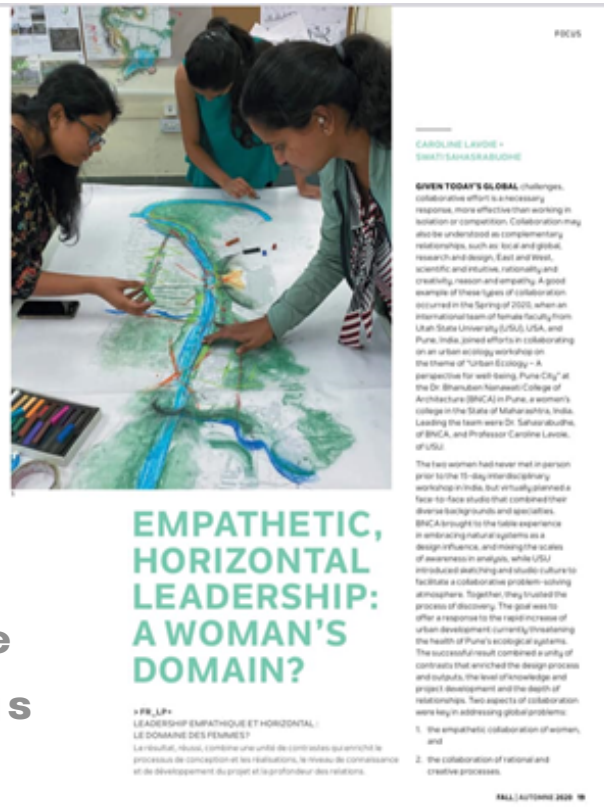
FTPPER

Foundation Training Programme in Practice of Ecological Restoration



We Publish

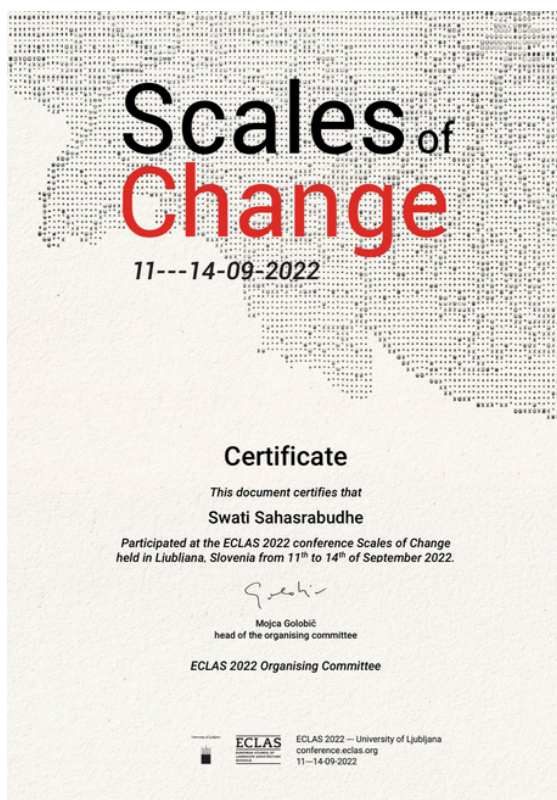
- Books
- Research papers
- Conference Proceedings
- Articles



We Explore



Research Paper Presentation at ASET Conference at Dubai February (Neha Adkar) -2020



Faculty and Students' Research

Poster Presentation at 8th World Conference of SER (Society for Ecological Restoration) at Cape Town, South Africa. (Anupama Khatavkar) - 2019



Paper Presentation at the ECLAS 2022 conference themed Scales of Change, held in Ljubljana, Slovenia. (Dr. Swati Sahasrabudhe) - 2022

We Explore

Landscape Research Lab

The Department of Landscape Architecture in BNCA wants to focus on the Research based Design in Academics as also specified in program outcomes of the revised SPPU syllabus in 2019. The department also wishes to substantially contribute to Research from academics in the BNCA Research Hub in the next five years. The Proposed Landscape Research Lab intends to foster in experiment based research and evidence based research in Landscape Architecture.



We Travel

AHMEDABAD 2024

DUBAI 2020

KERALA & SRI LANKA 2019

DELHI - BHUTAN 2018

BALI - SINGAPORE 2017



CEL

Centre For Ecological Landscapes

We Explore

A platform for getting people from the field of ecology, botany, geology, horticulture etc to come together with landscape architects and conduct different activities like symposiums, workshops etc, and also to convert these collaborations into practices.



FTPPER

Foundation Training Programme On the Practice of Ecological Restoration

Conducted by BNCA in collaboration with SER (www.ser.org) U.S.A, the leading international organization on ecological restoration, and Junglescapes, Bangalore. Programme will introduce participants to the principles, concepts and practice of ecological restoration, through indoor sessions, site visits, hands-on field training and web-based inputs from national and international experts.



Landscape Architecture Research and Consultancy Projects

The department provides professional consultancy to individual clients, government / private organizations, NGO's, and Institutions alike with respect to design, planning and research in Landscape Architecture.

The faculty team at the department provides integrated professional services in various aspects of the projects such as pre and post project analysis, ecology and social assessment, design and planning and execution of the project based on the requirements and funding.

The team includes architects, landscape architects, ecological planners, landscape urbanists', design thinking experts, universal design experts, forest and ruralscape experts, climate mitigation experts, Software (GIS, Rhino-Grasshopper etc), 3D visualisation alike.

With support from the institute's drone academy and AR -VR lab, the department can also provide additional services like Drone and GIS mapping , data analysis and prototyping.

We also provide consultancy with respect to publication and creative writing of books, monographs and publications alike.

Landscape Architecture Research and Consultancy Projects

We Do

SOME OF THE IMPORTANT LANDSCAPE PROJECTS

- Landscape Development for Rowing Channel, CME campus, Pune
- Landscape Development for MKSSS campus, Karvenagar and Narhe
- Landscape Redevelopment for Savitirbai Phule Pune University-Campus Makeover Plan
- Landscape Master plan for a Golf course of urban wasteland
- Landscape Development for Atlas Copco, Pune
- Landscape Master plan for Biodiversity Parks in Pune
- Landscape Master Plan for Urban Forests in Pune
- Landscape Strategy Plan for Mitigating Climate Change for Pune city
- Landscape Strategy Plan for making Pune a Livable City.
- Landscape strategy plan for making Pune a Child-Friendly city
- Landscape Development for ISKCON Temple Campus, Pune
- Landscape Site Plan for Camping Site for Hilton Hotels
- Landscape Resource mapping and planning for an Old age Housing scheme near Mulshi, Pune.
- Landscape Strategies for having ecology inserts in Pune City - Urban Ecology
- Ga Di Madgulkar Theme Park at Hadapsar
- Landscape Development of A Site for a Social Worker in Matheran, Neral
- Landscape Development plan for Goverdhan Eco Village Campus, Wada, Thane
- Heat Action Plan for Pimpri Chinchvad Municipal Corporation, Maharashtra



M. Arch. LANDSCAPE ARCHITECTURE



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bncalandscapearchitecture@gmail.com

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 https://www.youtube.com/channel/UCXfqETlIS3e1gNF-Og_ZVNA

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