

UNIVERSITY OF PUNE



MASTER PLAN 2020

Presentation of 1st Manuscript

17 April 2006

Environment + Equity + Education = Economics

Draft Outline of University of Pune Master
Plan 2020 for responses and suggestions

April 12, 2006

MISSION OF EDUCATION

By Dr. A. P. J. Abdul Kalam

Hon. President, Republic of India

(Sourced from The Week, March 19, 2006 – Abridged and Abstracted)

- **Inequality of access to educational resources**
- **Can we use technology for this important social purpose?**
- **Provide an accelerated learning program using computer aids**

MISSION OF EDUCATION

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- The goal needs to be achieved through the delivery of education in a manner which will take into account the socio-economic reality and perception of people to whom it is addressed.
- The aim of the education system should be to build character, human values, enhance the learning capacity through technology and build the confidence among children to face the future.

The Vice-Chancellor's Foreword to the University of Pune's MASTER PLAN 2020

- “Scholarship, Innovation and Creativity” are the Keywords of the University of Pune's Master Plan 2020.
- Strengthen commitments for social equity within the Vision 2020 document, with committed financial support.
- Why should the very best, or the very rich, be able to get access to the best of education?

The Vice-Chancellor's Foreword to the University of Pune's MASTER PLAN 2020

- Why should those who are unable to utilize the system's advantages be denied the advantages of higher education?
- Strengthens the Ganeshkhind Campus
- Proposes the Autonomous Campuses at Ahmednagar and Nashik
- Proposes Establishment of the International University Campus

This document has been prepared through a participatory effort of more than a thousand individuals from the University's Family of Policy Makers, Administrators, Faculty, Employees, Staff, Students and Friends, including members of the Society.

Ratnakar Gaikwad, IAS
Vice-Chancellor
University of Pune

Mission

The University creates human resources of eminence to positively contribute towards the generation of knowledge and social commitment through *humanism and tolerance, for reason, for adventure of ideas, and for the search of truth.*

The University would therefore seek to ensure the development of world-class education infrastructure, provide access to research-enabled learning, and integrate nation-building with personal wealth.

Vision

Strengthen - ensuring recognition as an international leader in holistic education

Ensure - vibrant, flexible and self-reliant institutional processes of higher learning along with an emphasis on value systems.

Provide - equal opportunities and ensure support without prejudice for gender, class, caste and economic status

Globally - competitive education infrastructure compatible to the changing challenges of India's nation-building processes.

Go beyond - the recognised frontiers of social equity and justice and provide pioneering leadership action in bringing together the illiterate and the ignorant towards education.

Process of the Master Plan

- The University of Pune's Master Plan Committee (UPMPC) was constituted by the Vice Chancellor by the Office Order dated March 13, 2006
- Members of the UPMPC included various HoDs and Officers of the University. Various sub-groups were established, comprising members of Faculty, representatives of the Administration, Students and senior Academicians.

Process of the Master Plan

- Principals' Collective Workshop at YASHADA that was attended by nearly 65 Principals of affiliated colleges
- 40 student-volunteers of the University of Pune's Management Sciences Department (PUMBA) underwent a one-day workshop at YASHADA
- Senior academicians, former Vice-Chancellors, the Municipal Commissioner and officers of the Pune Municipal Corporation, representatives of the private sector industry in Pune, management institutions, voluntary organizations and the UPMPC participated in discussion meetings

Process of the Master Plan

- 35 departments of UoP have submitted detailed proposals to the UPMPC.
- The Academic Group has collated feedback from members of Faculty and departmental committees, & students.
- Recommendations from all these initiatives have been included in the proposals of this document and where appropriate, have been presented, as submitted, in the annexures.

Spatial Components of the Master Plan

Ganeshkhind Campus Master Plan	International University Campus Plan	Affiliated Colleges & District Campuses
<ul style="list-style-type: none"> ▪ Campus Master Plan ▪ Academic Master Plan ▪ City Campus Plan ▪ Girl Students Village ▪ Market Laboratory ▪ University Bank 	<ul style="list-style-type: none"> ▪ Triumvirate of Premier Institutions similar to IIT, IIM & AIIMS ▪ Asian Consortiums for Education & Research ▪ Industrial Incubator 	<ul style="list-style-type: none"> ▪ UoP at Ahmednagar ▪ UoP at Nashik ▪ Girl Students Villages ▪ Sports Village ▪ Centres of Excellence at Affiliated Colleges

Time-Schedule of the Master Plan

Immediate Goals	Short-Term Now to 2 Years	Medium- Term 3-5 Years	Long-Term Vision 2020
Students Facilitation Centre UoP Ahmednagar UoP Nashik Campus	UoP International Campus Public-Private Partnership	UoP WebVarsity Asian Consortiums for Education, Research & Industry	Any Student – Any Exam Anytime – Any Course – Anywhere –
E-Facilitation	Best in India	Top 10 in Asia	Top 10 in World

Phases of the Master Plan

Phase	Specific Nomenclature	Academic and Financial Year/s
1	Immediate Goals	2006-2007
2	Short Term – Now to 2 Years	2006-2007 to 2007-2008
3	Medium Term – 3-5 Years	2008-2009 to 2010-2011
4	Long Term Vision 2020	2011-2012 to 2020-2021

Review and Correction

Phase	Master Plan 2020 Years	Review and Correction Months
1	2006-2007	None
2	2006-2007	None
2	2007-2008	None
3	2008-2009	None
3	2009-2010	January – February 2010
3	2010-2011	None
4	2011-2012	None
4	2012-2013	January – February 2013
4	2013-2014	None
4	2014-2015	None
4	2015-2016	January – February 2016
4	2016-2017	None
4	2017-2018	None
4	2018-2019	January – February 2019
4	2019-2020	Proposal for New Master Plan to be determined during January – February 2020

Goals, Strategies and Initiatives

- Plan ambitiously to maintain and improve leadership in education
- Meet the changing demands of a growing knowledge-based economy
- Learn and teach on world-wide frame
- Become a catalyst to enable sustainable development for India

Goals, Strategies and Initiatives

- Establish a brand of “**GLOBAL PUNE**”
- Change the very perspectives of education policy and enable convergence with social equity and justice
- Challenge the very concepts and definitions of studentship, teaching, classroom learning and exam-based recognitions

Goals, Strategies and Initiatives

- Why should the illiterate Indian, man or woman, be denied knowledge, merely because they are not counted amongst the literate?
- Should the institution go beyond its perceived confinement, to seek the uneducated, the non-academic, the reluctant student, the poor citizen, the child and the senior citizen, and ensure their integration?
- Recognise the goals of a socially-committed democracy

Core Policy Strategies

- **Ensure** improvement of library, classroom conditions, toilets and laboratories
- **Provide** policy innovations to continue to attract and retain faculty
- **Develop** academic and research programs that meet the needs of students, as well as civil society and governments.
- **Propose** a model *University of Pune Act* by 2009

The Campus Master Plan

5 Core Strategies & 10 Initiatives

- **Strengthen** and redefine the relationship amongst various institutions, specialised research institutions & propose new ones
- **Reengineer**, demolish or reconstruct to create more space for academic, research and studentship growth
- **Preserve** and enhance biodiversity with campus biodiversity and forestry plans

Some of the ten core initiatives

- Futuristic, 100% computer-enabled, **student-friendly facilitation center**
- Establishment of a **University Bank**
- Create a shopping and recreation center, within the Campus, similar to *Delhi Haat*
- Conserve of historical water management
- Conduct Energy Audit and establish eco-friendly mass-transit systems

*Some of the ten core initiatives –
15-20 Acre Girls' Students Village*

- Internal road systems, captive internal transport systems, internet cafes, subject-specific libraries and e-libraries, eating places, hostels, shopping areas and recreational facilities.
- Also to be developed at the Ahmednagar and Nashik Campuses.
- Hostels with 1:1 ratio with working women software professionals and other Private and Public Sectors

*Some of the ten core initiatives –
Collaboration with PMC, PCMC, ZP*

- Develop 5-acre subject-specific campuses for development orientated sectors
- Collaborate with PMC to establish an Asian School for Urban Water Supply Management
- Some other subject areas could include poverty alleviation, urban planning, pollution management and transport management, gender, human rights

The Academic Master Plan

10 Core Strategies and 20 Initiatives

- **Provide** higher remuneration and infrastructure support to the very best within each department to enable peer recognition and global appreciation
- **Encourage** full autonomy to selected Departments and Colleges/ Institutions to seek innovation from within these bodies
- **Proactively** invite proposals for new academic and research programs

The Academic Master Plan

Some of the 10 Core Strategies

- Fast-track or high achievement programs
- Seek out students without access to education or without awareness about the advantages of a knowledge driven society
- Emphasis on social and gender equity - Seek out the illiterate and bringing them into the mainstream of education for empowerment through direct-contact or training-the-teacher programs.

The Academic Master Plan

Some of the 10 Core Strategies

- **Use** the very best of education technology, electronic and non-electronic.
- **Enable** campus-wide, district-campus and multi-institutional borrowing and lending networks, including affiliated colleges for use of the Jaykar Library
- **Provide** the library facilities beyond daylight hours, during holidays & vacations

The Academic Master Plan

The 20 initiatives ...

- 1. Recruit** at least fifty new senior members of faculty with recognitions at the highest level for example, Fellows of National and International Academies.
- 2. Initiate** and fill up the posts in CAS
- 3. Effect** academic, administrative and financial autonomy
- 4. Establish** at least ten Chairs for eminent scientists

The Academic Master Plan

The 20 initiatives ...

5. **Provide** special status and privileges to teachers who publish in peer review Journals with Impact Factor >10.
6. **Enhance** interdisciplinary teaching programme by institutionalising the credit and semester system.
7. **Introduce** teacher assessment and develop feedback system for ensuring quality of teaching programs.

The Academic Master Plan

The 20 initiatives ...

8. **Provide** flexible MA /MSc degree programme – Can opt for variable time periods. - Fast track or by Research.
9. **Ensure** transparency in the selection processes for PhD fellowships.
10. **Establish** Scholarships and or Fee waivers – E.g. 50% Total-Fee waivers in education and research programs to all girl students from all communities.

The Academic Master Plan

The 20 initiatives ...

11. **Invite** senior citizens to revisit education with 80 to 100% fee waivers - entrance examination - **However, ensure** programs equally for rural backgrounds
12. **Review** and amalgamate the current academic departments and disciplines
13. **Create** virtual classrooms on campus and colleges – subsidise affiliated colleges, if required

The Academic Master Plan

The 20 initiatives ...

14. **Develop** an academic and research network in the Pune Region, to collectively position “**Global Pune**”
15. **Create** appropriate secure and aesthetic facilities for students from other regions
16. **Involve** industry and voluntary organizations in curricula design & develop **Refresher Programs** for serving professionals & non-professionals

The Academic Master Plan

The 20 initiatives ...

- 17. Delegated** authority to pay attention to sanitation, water and electricity
- 18. Establish** an Institute of Autonomous Departments
- 19. prepare** self-financed certificate, diploma, vocational & online courses
- 20. Ensure** academic, administrative and financial autonomy to allow Departments to initiate self-financing programmes.

**The proposed
University of Pune
INTERNATIONAL CAMPUS
(*Through Public Private
Partnership*)**

Vision for an international campus

- Globally competitive in academic excellence with professionalism
- Provide impetus to nation-building
- World-class quality education, research, infrastructure, entrepreneurship
- Maharashtra, especially Pune, would become a powerful hub of development and would attract more investments and industries in the emerging areas.

International Campus - Objectives

- International academic standards using State-of-the-Art Technology, distinguished faculty and eco-friendly modern campus with residential facilities
- Triumvirate of national-level peer institutions similar to the IITs, IIMs and AIIMS including National Law School etc
- Oxford should be seen as
“Pune of the West”

International Campus – Focus Areas

- Business Studies - IIM-like
- Engineering and Technology - IIT-like
- Law and Intellectual Property – NLS-like
- Public Health and Human Sciences – NIH and AIIMS-like
- Media – Electronic and Print
- Sustainable Development
- Strategic and Global Planning
- Advanced technologies – Nanotechnology
- Indian Knowledge Systems – Vipassana, Yoga

Student's Recommendations

- Manual of Administrative Correspondence and Requirements
- Monthly Meetings of the Heads of Department under the chairmanship of the Hon'ble Vice Chancellor and transparency
- **Automation & On-line Services of all Public Departments**
- This Vision plan, once accepted and frozen should not diluted or tinkered by any subsequent authorities for any reason lest the efforts and resources are wasted and the participants feel frustrated.

How does the Master Plan work?

- Recommendation = “*Improvement of classrooms and laboratories*”
- Need = Determine Lists of items, Estimates, Repetitiveness, Financial Head & Budget
- 2nd Step = Establish formula with Policy Circular, ensure acceptance by Finance
- For e.g., Rs. 1 Lakh per classroom for 10 classrooms per 1 month = 120 classrooms per year = Rs. 1.20 Crores per year cost

Let us take a bigger example...

15-20 acre Girls' Students Village

- 1 Hostel Building of 200 occupancy with 100 studio apartments, 300 sq. feet each
- Total unit area = 500 sq feet per apartment = 50,000 sq feet X Rs. 600 block costs for Civil and Rs. 600 block costs for electrical, water supply, roads, lifts, generator etc
- Total estimated cost of 1 Hostel Building = Rs. 6-7 Crores
- 10 Hostel Buildings = Rs. 75 Crores
- Private Investment Expected = Rs. 75 Crores
- UoP Running Investment @ 2 Buildings = Rs. 15 Crores to be recouped upon Private participation

Let us take a tough example...

Establish Centres for Excellence in Affiliated Colleges & Institutions

- Identify subject specific areas – e.g. Quality Management Systems Advanced Training School at Lonavala College
- UoP gives Rs. 10 Crores for construction of 50 room – 100 occupancy hostel, classrooms, yoga & meditation hall, Mess
- Lonavala College conducts programs for Private Sector from Mumbai on high-margin basis
- Provides royalty per participant to UoP and use of facilities on once-per-month basis for 10 years

Finally.....

- There is no one out there waiting for this Master Plan document... ..
- The World is changing rapidly... ..
- *“Pahadon par tera baseraa hai,
Aasmaan tera kinaraa hai... ..tu shaheen hai”*
- Climb higher, Stretch the world, conquer
- Do it together... Stay together... Succeed