

UNIVERSITY OF MUMBAI



Information Brochure

Master of Architecture

(By Research)

Degree Course 2008

Sir JJ College of Architecture



UNIVERSITY OF MUMBAI

S I R J J C O L L E G E O F A R C H I T E C T U R E

78/3 D N Road, Fort, Mumbai 400 001 Tel: 22 22621649/ 22 22621118 email: sirjjarchitecture@yahoo.co.in

sirjjarchitecture.org

Introduction **The Master of Architecture (by Research) Degree Course** commenced at the Sir JJ College of Architecture from 1985. From its inception the course has attracted researchers, academics and practitioners, who, on completing their graduation, have augmented successful careers in their respective fields.

The course has received approval from the University Grants Commission (UGC) vide letter No: F-30/10/76(T), of 18.01.1978. This is one of the longest running UGC approved postgraduate programmes in architecture in the country.

Sir JJ College of Architecture

has its origins in the School of Art and Industry set up in 1857 by the erstwhile Government of Bombay through the benevolence of Sir Jamsetjee Jeejeebhoy. The Bachelors Degree in Architecture commenced in 1952. The Government of Maharashtra transferred the management of the College to the University of Mumbai in 1973.

The college, part of the Sir JJ Arts Campus, is situated in two buildings. The facilities provided by the college include computing and material testing laboratories, studios and lecture halls. The college library has more than 18,000 books on architecture and allied subjects, with more than 50 national and international journals and periodicals. The library also archives its rare books, journals, prints and drawings.

Details of the Programme

The Master of Architecture (by Research) programme is a systematic attempt to obtain answers to research questions about events and phenomena in built environment and their application to building design.

The student is expected to understand research methodology. The research process will include literature reviews, project reviews, surveys, activity analysis, and their critique. With specific regard to the research project proposed, a student will explore socio-economic features, government policies and their effects, the geographical and climatic conditions of the site, building construction techniques and their adaptations, and conduct various case studies. The research will culminate in a thesis indicating in detail the extent that its findings can be practically applied or adapted to a live project. At the end of the research process the student is required to apply the findings in an appropriate architectural design project, documenting the design process, and giving design details.

Students may gain specialization by carrying out research in their chosen subjects from within the following architectural fields:

- ❖ Housing projects (urban and rural)
 - ❖ Industrial projects
 - ❖ Institutional projects
 - ❖ Commercial projects
- (including Architectural Conservation)

Course Duration & Commitment

The Master of Architecture (by Research) Degree Programme at Sir J.J. College of Architecture is a Two Year Full Time Course.

Candidates are expected to follow the Research Programme prescribed by the college.

This will include lectures, course work and submission of research papers; other than the main project of Research and its Design application.

A candidate who has kept terms for the first year of the course to the satisfaction of the research guide will be admitted to the next year of the course.

Number of Seats

The college has, for the M. Arch (By Research) course, an initial intake of **12** students.

Admission Qualifications

A candidate to be eligible for admission to the M. Arch. (by research) course must have passed the examination for the degree of Bachelor of Architecture of this University or of any other University recognized as equivalent, with minimum 50 % marks aggregate or must have passed the Diploma in Architecture conducted by the Board of Technical Examinations of Maharashtra State (with 45 % marks for Reserved Candidates).

Certificate of Eligibility A candidate with B. Arch degree from another university or with the above mentioned diploma in architecture would be required to produce a Certificate of Eligibility from the registrar of University of Mumbai for the purpose of admission to the course.

The Research Proposal A Candidate seeking admission has to prepare a Research Proposal, that will include:

- ❖ Statement of Purpose of research
- ❖ Need of the research
- ❖ Aims and Objectives of the research
- ❖ Research methodology proposed
- ❖ Probable sources of information
- ❖ Previous involvement in similar projects
- ❖ Applicability of the research in the design process
- ❖ Possibility of design projects based on the research

Selection Process Applicants selected will be invited to appear for a detailed Interview and Group Discussion. The eligible candidates will appear for the interview process at their own expense. They will bring all the original documents for verification at that time.

The candidates will be selected as per the recommendations of the Selection Committee. Selected candidates for admission will be notified on the notice board of the college. Unsuccessful candidates will not be informed.

The admission of the candidate for the M. Arch. Course will be treated as Provisional until the production of their final Eligibility Certificate from the University.

Fees Upon selection, candidates will have to take admission to the Sir JJ College of Architecture by paying the required fees within the time limits specified in the letter of admission.
Tuition Fees per year: Rs. 5000/-
Other Fees per year: Rs. 1630/-

Topic approval & Registration Every Candidate for the Master of Architecture (M. Arch. By Research) Degree Course will have to register as a Post-Graduate student as per the rules and regulations of the University of Mumbai, by paying the necessary registration fees.

Application Format (Checklist for submission) Candidates are required to submit the **prerequisite application form** (downloadable from www.sirjjarchitecture.org) along with certified (attested) true copies the following documents:

- ❖ Statement of marks obtained at the HSSC or equivalent examination
- ❖ Statement of marks obtained at the B. Arch. or equivalent examination
- ❖ College Transference Certificate
- ❖ If from the Reserved Category, documents as prescribed by the Government of Maharashtra

In addition the candidate must include the following:

- ❖ Three copies of the research proposal
- ❖ A portfolio (A3) of professional and academic work
- ❖ Recommendation Letters from two persons (academic or professional), whom the candidate is known to, assessing the candidate's capabilities to conduct research and design. These letters should be submitted in sealed and stamped envelopes

A processing fee of Rupees Two Hundred (Rs. 200/-) shall be paid along with the submission of the above.

Applications should reach the college office no later than **1st September 2008**.

Contact For queries regarding applications to the M. Arch (by Research) Degree Course, please contact Dr. Sushama Jogalekar (9869016365) or Prof. Mustansir Dalvi (9833075929)

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Ordinances and Regulations relating to the Master of Architecture (M. Arch.) degree examination by research

Note: Every candidate for the Master of Architecture (M. Arch.) degree by research will have to register as a Post-graduate student.

O.2466 A candidate for being eligible for admission to the Master's degree course in Architecture (by research) must have passed the examination for the degree of Bachelor of Architecture of this University or of any other University recognized as equivalent thereto with a minimum of 50 percent marks on the aggregate or must have passed the Diploma in Architecture conducted by the Board of Technical Examinations of the Maharashtra State.

O.2467 The duration of the M. Arch Degree course shall be of two calendar years. A candidate who has kept terms for the first year of the course to the satisfaction of his guiding teacher as laid down in R.2229 will be permitted to keep terms for the second year of the course.

O.2468 A candidate seeking admission to the course will have to submit, through his guiding teacher, a synopsis of his programme on a topic connected with the subjects mentioned in R.2235 below, indicating therein its manner of treatment, to the principal of the college of architecture through which he registers for the course for his approval, along with the application for examination to the course.

R.2229 At the end of the first academic year a brief report to be submitted by the candidate on the instruction offered for the core subject, shall be assessed by his guiding teacher, after whose approval, the candidate will be permitted to keep terms for the second year of the course.

R.2230 The thesis is to be submitted at the end of the second year. At least two months before submitting the thesis, a candidate shall forward to the Registrar through his guide and the Principal of the college a statement giving the title and the synopsis of the thesis along with the required fee. The candidate shall forward his thesis to the Registrar, through the principal of the college of architecture through which he has registered.

R.2231 The thesis and the report indicating the applicability or otherwise of the finding of his thesis shall be finally referred for evaluation and report thereon to not less than two referees to be appointed by the Executive Council on the recommendation of the relevant Board of Studies and the Academic Council, one of whom shall always be the guiding teacher.

The referees shall make their report after the evaluation of the thesis and holding *viva-voce* examination of the candidate to test his knowledge of the subject of the thesis. The referees shall report to the Executive Council whether the thesis shall be accepted or rejected and their report shall be final. The external referee shall be a person residing in India who is an expert on the subject. The *viva-voce* shall be held jointly only after the thesis has been valued both by the referees and at the time of holding it; the referees conducting the *viva-voce* shall have the thesis in their hands.

R.2232 The thesis that has been rejected may be re-submitted after due revision for not more than two occasions within a period of three years from the rejection of the thesis.

R.2233 Every candidate shall submit a certificate signed by the teacher under whom he has worked stating that there is a prima-facie case for consideration of the research work. Such a certificate shall be regarded as satisfying the Board of Studies that a candidate has done sufficient work for the submission of his thesis for final evaluation.

**** Instructions**

Core Instructions

Besides a major project on the selected subject, the candidate shall be offered core instructions in architecture, related subjects and subjects of general interest. A candidate is required to submit a paper at the end of the first and the second term on the instruction offered.

General: Politics, government policies, economics, sociology, psychology, business management, art, history, statistics

Technical: Structures, services, professional practice, construction management, PERT/CPM, real estate, building codes

Architectural: Urban Design, town planning, environmental design, architectural history