

**ORDINANCE
RELATING TO CONDUCT AND EVALUATION**

OF

EXAMINATIONS

FOR

**FIVE YEAR FULL-TIME PROGRAMME LEADING
TO BACHELORS DEGREE IN ARCHITECTURE
FOLLOWING THE ANNUAL SYSTEM OF
EXAMINATION**

**(OTHER THAN PROGRAMMES FOR WHICH A SEPARATE ORDINANCE IS
NOTIFIED)**

**GURU GOBIND SINGH
INDRAPRASTHA UNIVERSITY**

PRACTICAL BASED COURSES

Annual examination for all practical courses will include portfolio submission of students works to be assessed followed by Viva-voice

Name of University: **Guru Gobind Singh Indraprastha University, Delhi**

Name of the Program: **Five Years B. Arch**

Course Title: **Architectural Design**

Number of	Credits
Course Code: ARC-110	14
Course Code: ARC-210	18
Course Code: ARC-310	18
Course Code: ARC-410	11
Course Code: ARC-510	11

OBJECTIVE OF COURSE

Architectural Design is seen as the central discipline of the program. The studio is the arena where the student applies his knowledge and develops design skills while testing out the theories and methods learnt in other courses in the Humanities, Technological and Professional Streams. The students will endeavour to acquire an understanding of the determinants of the built form such as social imperatives, environmental concern and craft of building. They will review experiences from their own immediate and personal environment as well as the values and perceptions of other involved in the process of design viz.. the user, the client and the public at large. Derivation of concepts and strategies will then lead to deliberate responses in the shape of a specific design proposal with the help of organizational and communicative skills.

The study of Architectural Design is seen as a cumulative process where the experience the previous year is used as a base for increasing the depth and breadth of knowledge and development of skills in the following year. The range of design problems shall include projects of progressively increasing complexity from a simple rural habit to multi use urban mega structures.

Each Architectural Design course shall include both short problems (Time problems or sketch schemes) and major problems (fully developed schemes). At every stage topics concerned with the design problems shall be dealt with in lectures, group discussions and library research so as to provide the necessary philosophical and attitudinal background to a rational design approach. The studio program of various design problems shall be set well in advance of the commencement of the term by the Studio Director in close consultation with the other subject teachers. It would be ensured that exercises in other subjects are directly relevant to the studio problem wherever the scope for such integration exists.

Study tour shall be conducted at least once every year during the stage one of the programme. The report to be submitted by the student shall be assessed as part of the studio work of Architectural Design.

Name of University: **Guru Gobind Singh Indraprastha University, Delhi**

Name of the Program: **Five Years B. Arch**

Course Title: **Art & Graphics**

Number of

Credits

Course Code: **ARC-111**

08

Course Code: **ARC-211**

06

OBJECTIVE OF COURSE

Graphic representation of ideas concepts and design principles (two dimensional and three dimensional composition) Co-ordination skills (eye-mind-hand/ Perceptual) drawing and painting, indoor and out door sketching in colour pencil pastels, ink, poster colour and water colour-creative skills-there dimensional perception using liquid transparent, reflective, opaque, flexible and hard materials.

Structure from-space, relation, animated graphic-frame/space relation Co-ordination skill (eye-mind-hand/perceptual) photography, multi-media, audio visual projection. Creative skills: Reprographic technique and printmaking.

Name of University: **Guru Gobind Singh Indraprastha University, Delhi**

Name of the Program: **Five Years B. Arch**

Course Title: **Architectural Drawing**

Number of

Credits

Course Code: **ARC-112**

08

OBJECTIVE OF COURSE

The course aims at developing the requisite level of proficiency in drawing, which is seen as a primary communication tool in the practice of architecture just like language. Students shall be familiarized with a range of techniques of expression beginning with manual drawing.

Name of University: **Guru Gobind Singh Indraprastha University, Delhi**

Name of the Program: **Five Years B. Arch**

Course Title: **Building Construction**

Number of

Credits

Course Code: **ARC-120**

08

Course Code: **ARC-220**

08

Course Code: **ARC-320**

08

Course Code: **ARC-420**

05

Course Code: **ARC-520**

05

OBJECTIVE OF COURSE

This course is designed to explore students to the process of building construction, the components of buildings and the materials, skill and equipment used in shaping them. The emphasis is on familiarization by direct observation. Students shall be encouraged to acquire a test for good workmanship and quality.

The course is visualized as having three essential components viz., Theory component materials and methods of construction. Application component principles and practices shall be applied to the production of meaningful working details and drawings. Demonstration component to be conducted either in the construction field in the school premises or at specific venues outside incorporating a first hand experience of important stages of building construction, to complement the studio work.

Name of University: **Guru Gobind Singh Indraprastha University, Delhi**

Name of the Program: **Five Years B. Arch**

Course Title: **Model Workshop**

Number of

Credits

Course Code: **ARC-121**

06

OBJECTIVE OF COURSE

This course is aimed at imparting basic skills necessary for preparing architectural models and art project while in calculating value for good craftsmanship. To be conducted at the workshop on campus under the supervision the workshop coordinator.

Name of University: **Guru Gobind Singh Indraprastha University, Delhi**

Name of the Program: **Five Years B. Arch**

Course Title: **Surveying & Leveling**

Number of

Credits

Course Code: **ARC-122**

03

OBJECTIVE OF COURSE

Tools and equipment for land surveying. Interpretation and preparation of contour maps. Site modeling with total station. Exercises in setting out of building works.

Name of University: **Guru Gobind Singh Indraprastha University, Delhi**

Name of the Program: **Five Years B. Arch**

Course Title: **Cad & Software Lab**

Number of

Credits

Course Code: **ARC-212**

06

OBJECTIVE OF COURSE

Introduction to computer, Hardware and software component computer generation, computer terminology, Introduction to windows and its application. Computer Aided Drafting Introduction to Auto CAD, Basic drawing and editing commands for 2D drawings, simple drawing exercises for application of Auto CAD commands. Advanced 2D drafting using Auto CAD, Use of layers and blocks exercise on simple working drawings. Introduction to 3d drafting simple exercises on 3rd drafting walk through exercises. Computer aided architectural design, use of application software 3D modeling project on walk through.

Name of University: **Guru Gobind Singh Indraprastha University, Delhi**

Name of the Program: **Five Years B. Arch**

Course Title: **Seminar / Dissertation**

Number of

Credits

Course Code: **ARC-460**

06

Course Code: **ARC-560**

06

OBJECTIVE OF COURSE

The Seminar shall be a research paper on a subject of theoretical nature on any aspect of architecture. The overall supervision shall be by a Seminar coordinator to be appointed from within the faculty and individual guidance shall be provided by experts in the subject. The thrust of the seminar shall be on achieving a thorough understanding of the topic of study and on the ability to present it to an intelligent and critical audience.

Dissertation is intended to enlighten students on the fundamentals of research methods. The students are expected to choose topics, which are of special interest to them and prepare a report after research. It is possible that in keeping with the School's commitments from time to time certain themes may be permitted and students encouraged choosing their subject matter for study or research accordingly.

Name of University: **Guru Gobind Singh Indraprastha University, Delhi**

Name of the Program: **Five Years B. Arch**

Course Title: **Architecture Thesis**

Number of

Credits

Course Code: **ARC-500**

26

OBJECTIVE OF COURSE

The Architectural Thesis is the culmination of the development of the student's knowledge, attitudes and skills over the course of studies in architecture. It is an occasion for exercising conscious choices in the field on the student's personal abilities and inclinations, and for testing out his commitment. The student, in consultation with the faculty, is expected to demonstrate through an imaginative approach, his expertise in effecting positive changes in our built environment.

Name of University: **Guru Gobind Singh Indraprastha University, Delhi**

Name of the Program: **Five Years B. Arch**

Course Title: **PRACTICAL TRAINING**

Number of

Credits

Course Code: **ARC-400**

30

OBJECTIVE OF COURSE

This training will be conducted in the period as given in scheme of examination. It shall be of minimum of 18 weeks duration.

Name of University: **Guru Gobind Singh Indraprastha University, Delhi**

Name of the Program: **Five Years B. Arch**

Course Title: **PROJECTS**

Number of	Credits
Course Code: ARC-150	06
Course Code: ARC-250	06
Course Code: ARC-350	10
Course Code: ARC-450	06
Course Code: ARC-550	06

OBJECTIVE OF COURSE

Projects offer a chance to students for specialized or advanced learning in their own areas of interest. Courses shall be offered on the basis of availability of expertise in new and emerging areas of concern to architects. The endeavour shall be to offer a wide choice to students, which will vary depending on the resources of each school. An updated list of approved project courses shall be notified from time to time