

FIFTH YEAR (10TH SEMESTER)

5RARC1001: PROFESSIONAL PRACTICE

	SUBJECT CODE	SUBJECT NAME	L	T	P/S	Evaluation				Contact Hours	Credits
YR		TENTH SEMESTER				In Sem.	End Sem. Theory	End Sem. Jury and/or Exam.	Total Marks		
FIFTH	5RARC1001	PROFESSIONAL PRACTICE	2	2	0	50	50	-	100	4	4

OBJECTIVES:

- To acquaint the students with most of the general aspects of valuation and arbitration.
- To familiarize the students with Easement rights and organization of an architect's office.

CONTENTS:

Role of Professional Bodies: The Indian Institute of Architects, its working constitution and byelaws, categories of membership, election procedures: The Uttar Pradesh Architects Association.

Architects' Act 1972: Detail study of the Act, Council of Architecture; procedures of membership.

Scale of charges: Conditions of engagement of an architect - Duties. Responsibilities and liabilities of a professional architect. Scale of charges, mode of payment etc.

Code of Professional conduct: Clauses governing conduct of professional architect.

Architectural Competition: Types, need and procedure of conducting such competitions.

Tender and Contract: Types of building contract, their demands, Preparation of tender documents, method of inviting tenders, opening of tenders, preparation of comparative statement, recommendation of awards, preparation of contract documents, general conditions of contract, interim certificates, defect liability period, retention amount and virtual completion.

Valuation: Valuation of immovable properties, elements of valuation and factors affecting valuation; Techniques of valuation of landed and building property; Value classification and types of valuation.

Easement: Introduction to various easements processes, and precautions to protect easement rights.

Arbitration: Arbitration, Arbitrator, Umpire, Nature, of arbitration. Appointment, Conduct; Powers, and duties of arbitrators and umpires, Procedure of arbitration and preparation of awards.

Office organization & Administration: Professional organization, setting of practice. Salaried, appointments, public sector, private sector jobs, procedure of operation in government organization.

APPROACH:

The spectrum of lectures will be covered through lectures citing practical examples. Specialist should supplement the courses through extension lectures.

References:

1. Garg S.C. (2014) *Professional Practice of Architecture (A Text Book for B.Arch Students)*, Satya Prakashan, New Delhi
2. Bansal Ashwinie K.(2009) *Arbitration: Procedure and Practice*, Lexisnexis Butterworths Wadhwa Nagpur India Publishers, Nagpur
3. Krishnamurthy K.G (2014) *Professional Practice*, PHI Publication, Chennai

5RARC1002: DEVELOPMENT AND LEGISLATION

	SUBJECT CODE	SUBJECT NAME	L	T	P/S	Evaluation				Contact Hours	Credits
YR		TENTH SEMESTER			In Sem.	End Sem. Theory	End Sem. Jury and/or Exam.	Total Marks			
FIFTH	5RARC1002	DEVELOPMENT AND LEGISLATION	2	2	0	50	50	-	100	4	4

OBJECTIVES:

- To acquaint the students about an elementary knowledge of various instruments of law and legislation to safeguard the professional interest.

CONTENTS:

Jurisprudence and Legal Theory:	Nature and source of law, brief history and Evolution of Urban Development laws.
Law Related to land:	The land acquisition Act. The effect of Urban Land Ceiling Act 1976, UP Urban Development Act 1973.
Law related to slum up gradation:	Law of environment.
Law related to Development and management of populations:	Elements and effect of the Rent Control Act. The Apartment ownership Act.
Laws of Controls:	The partnership Act 1932.
Law related to Conservation:	The elements of the Ancient monument (site And remains) Act 1956.

APPROACH:

- The spectrum of course will be covered through lectures drawings and citing the appropriate ease law. Specialist will supplement the courses through extension lectures.

References:

- Mahajan V.D (2016), *Jurisprudence and Legal Theory fifth edition*, Eastern Book Company, Lucknow, India
- Aggarwal Nomita (2014) *Jurisprudence (Legal Theory)*, Central Law Publications, Allahabad.

3. Dr. Rao Rega Surya (2015) *Lectures on Jurisprudence and Legal Theory*, Asian Law House, Hyderabad.

5RARCP1003: THESIS (PRACTICAL)

	SUBJECT CODE	SUBJECT NAME	L	T	P/S	Evaluation				Contact Hours	Credits
YR		TENTH SEMESTER			In Sem.	End Sem. Theory	End Sem. Jury and/or Exam.	Total Marks			
FIFTH	5RARCP1003	THESIS (PRACTICAL)	0	0	26	400	0	400	800	26	26

Intent:

To prepare a student to independently handle and present all aspects of an architectural design:

from its evolution to final solution in totality;

To understand the importance of the evolutionary stages of a design process and various techniques required for a successful presentation of an architectural design;

To develop in students the ability to handle specific aspects of design relevant to the topic.

Thesis Programme:

Each student is required to conduct an intensive study and present a design thesis on any of the design topics.

The students should submit synopsis for the least three different, design or research oriented topics, to the respective Institution, of which one will be approved to carry on the research and design. Each student shall be attached with a faculty member who will guide his work. The arrangement of the assessment of the progress through the semester for all the students and a 'Programme Schedule' will be declared separately for each session by the respective Institution.

The work of the student should result into a 'Design Proposal' based on the complete and detailed study of site including its selection, topography, climate, spatial requirements of the project, special functional and physical needs of the project, and the standard data, construction and services and all other factors that the involved with a particular thesis topic.

At least two of the following items, for complete design or an approved part thereof, should be covered in full detail and included in the design and presentation, along with the final design proposal-

1. Structural calculations and design.
2. Detailed estimate and specification.
3. Working drawing and construction details.
4. Proposal for Mechanical services to cover 'Air-conditioning & Mechanical conveying system'.
5. Proposal for Electrical Services and Illumination.
6. Proposal for Water supply and waste disposal services.
7. Proposal for Acoustical design & specification.
8. Proposal for Interior design – including furniture, fittings and finishes.

9. Landscape design proposals in detail.

The design proposal should be prepared and presented with the help of charts, Drawings, perspective views, models and other audio-visual aids. A thesis report must also be prepared and submitted in one soft copy (on CD) and three hard copies (one to be returned to the student) type written and bound together with prints and photographs of all the drawings & models. The thesis report should explain the objectives, scope, case studies, literature study – research and data, design concept/approach, design proposals, construction programming & financing etc. The original drawings, models and one copy of the thesis report will be returned to the students in due course of time as decided by the respective Institution.

Thesis Jury:

The final assessment of the thesis will be made through a panel of external jury, in accordance with the ‘Thesis Evaluation Regulations’ to be issued separately.

5ARC10010: SEAMLESS LEARNING

	SUBJECT CODE	SUBJECT NAME	L	T	P/S	Evaluation				Contact Hours	Credits
YR		TENTH SEMESTER			In Sem.	End Sem. Theory	End Sem. Jury and/or Exam.	Total Marks			
FIFTH	5ARC10010	SEAMLESS LEARNING	0	0	3	100	-	-	100	3	1

Course objectives:

- To sensitize among the students importance of values in a social system.
- To develop a sense of social responsibility among the students and encourage them to take up the initiative to serve for the noble cause.

METHODOLOGY

2. The course shall be inclusive of the various activities which shall be performed under the expert guidance of the course instructor.

5ARC10011: CO- CURRICULAR ACTIVITIES

	SUBJECT CODE	SUBJECT NAME	L	T	P/S	Evaluation				Contact Hours	Credits
YR		TENTH SEMESTER			In Sem.	End Sem. Theory	End Sem. Jury and/or Exam.	Total Marks			
FIFTH	5ARC10011	CO- CURRICULAR ACTIVITIES	0	0	3	100	-	-	100	3	1

Course objectives:

- To sensitize among the students importance of co-curricular activities in a social system.
- To give an opportunity of brushing up the skills to a limit of perfection and facilitating for the overall development of the students.
- To encourage the students for taking up the challenge of competing with the students of the other schools to ensure the enhancement of their interaction and coherent development.

METHODOLOGY

4. The students shall be informed about the various competitions/ conferences, being organized in and around at National and International level, by the respective club and/ or course co-ordinators.
5. The students shall be given effective guidance related to the respective clubs and other activities.
6. The students shall be enrolled in at least one club as a mandate.