

COURSE SCHEME
EXAMINATION SCHEME
ABSORPTION SCHEME
&
SYLLABUS

Of

First, Second, Third & Fourth Semester
Choice Base Credit System (CBCS)

Of

Master of Technology (M.Tech)

In

Architecture Education

Of

RASHTRASANT TUKDOJI MAHARAJ
NAGPUR UNIVERSITY, NAGPUR

Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur
Faculty of Engineering & Technology (Board of Studies - Architecture)
Course and Examination Scheme of Master of Architecture
Choice Base Credit System(CBCS)
I Semester M. Arch. (Architecture Education)

Subject Code	Subject	Teaching Scheme			Examination Scheme									
					Theory					Practical/Viva - Voce				
		Hours per week			No. of Credits	Duration of Paper (Hrs.)	Max. Marks	Max. Marks	Total Marks	Min. Passing Marks	Max. Marks	Max. Marks	Total Marks	Min. Passing Marks
		L	P	S			University Assessment	College Assessment			University Assessment	College Assessment		
PG AE 101T	Introduction to learning methods- I	3	-		3	3	70	30	100	50	-	-	-	-
PG AE 102T	Basics of Architecture Education	3	-		3	3	70	30	100	50	-	-	-	-
PG AE 103T	Society and Architecture	3	-		3	3	70	30	100	50	-	-	-	-
PG AE 104P	Elective –I (Discipline Specific)	1	-	3	4						50	50	100	50
PG AE 105T	Elective –II (Open-Architecture)	4	-		4	3	70	30	100	50	-	-	-	-
PG AE 106P	Paper Writing and Presentation	1		3	4	-	-	-	-	-	50	50	100	50
PG AE 107P	Studio I- Learning/teaching Methods & Techniques	-		6	6	-	-	-	-	-	100	100	200	100
Total		15	0	12		-	280	120	400	-	200	200	400	-
Semester Total		27			27	800 Marks								

Elective 1- 1.Environmental Issues in Architecture Education. 2. Creativity in Architecture Education. 3. Appreciation & Criticism in Architecture

Note:- Open Electives are listed Separately

Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur
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Course and Examination Scheme of Master of Architecture
Choice Base Credit System(CBCS)
II Semester M. Arch. (Architecture Education)

Subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Duration of Paper (Hrs.)	Theory				Practical/Viva - Voce			
		L	P	S			Max. Marks	Max. Marks	Total Marks	Min. Passing Marks	Max. Marks	Max. Marks	Total Marks	Min. Passing Marks
PG AE 201T	Introduction to learning methods- II	3	-		3	3	70	30	100	50	-	-	-	-
PG AE 202T	History of Architecture Education	3	-		3	3	70	30	100	50	-	-	-	-
PG AE 203T	Behaviour and Expression of Structures	3	-		3	3	70	30	100	50	-	-	-	-
PG AE 204T	Elective –III (Discipline)	1	-	3	4						50	50	100	50
PG AE 205T	Foundation Courses -I	4	-		4	3	70	30	100	50	-	-	-	-
PG AE 206P	Visual Arts And CAD	1		3	4	-	-	-	-	-	50	50	100	50
PG AE 207P	StudioII- Learning/teaching Methods - Development of Tools	-		6	6	-	-	-	-	-	100	100	200	100
Total		15	0	12		-	280	120	400	-	200	200	400	
Semester Total		27			27	800 Marks								

Elective III- 1. Construction Principles & Methods. 2. Climate & Architecture 3. Advance Teaching Models & Aids , Foundation Course I- Research Methodology for architecture & Design

Foundation Course to be conducted by a teacher having Ph.D Qualification

Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur
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Course and Examination Scheme of Master of Architecture
Choice Base Credit System(CBCS)
III Semester M. Arch. (Architecture Education)

Subject Code	Subject	Teaching Scheme			Examination Scheme									
					Theory					Practical/Viva - Voce				
		Hours per week			No. of Credits	Duration of Paper (Hrs.)	Max. Marks	Max. Marks	Total Marks	Min. Passing Marks	Max. Marks	Max. Marks	Total Marks	Min. Passing Marks
		L	P	S			University Assessment	College Assessment			University Assessment	College Assessment		
PG AE 301T	Elective –IV (Open-Architecture)	4	-		4	3	70	30	100	50	-	-	-	-
PG AE 302T	Foundation Courses -II	4	-		4						50	50	100	50
PG AE 303P	Social Relevance of Architecture Education	1		3	4						50	50	100	50
PG AE 304P	Seminar	1	-	3	4	-	-	-	-	-	50	50	100	50
PG AE 305P	Studio III- Design Methods/Construction Methods- Innovative Approach			8	8						100	100	200	100
Total		10	-	14	24	-	70	30	100	-	250	250	500	-
Semester Total		24			24	600 Marks								

Foundation Course II- Architectural Project Planning & Management, Foundation Course to be conducted by a teacher having Ph.D Qualification

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Faculty of Engineering & Technology (Board of Studies - Architecture)
Course and Examination Scheme of Master of Architecture
Choice Base Credit System(CBCS)
IV Semester M. Arch. (Architecture Education)

Subject Code	Subject	Teaching Scheme			Examination Scheme									
					Theory					Practical/Viva - Voce				
		Hours per week			No. of Credits	Duration of Paper (Hrs.)	Max. Marks	Max. Marks	Total Marks	Min. Passing Marks	Max. Marks	Max. Marks	Total Marks	Min. Passing Marks
		L	P	S			University Assessment	College Assessment			University Assessment	College Assessment		
PG AE 401P	Professional Training				2						50	-	50	25
PG AE 402P	Colloquim	1		3	4						50		50	25
PG AE 403P	Dissertaion	2	-	10	12	-	-	-	-	-	100	200	300	150
Total		3	-	13		-	-	-	-	-	150	250	400	-
Semester Total		16			18	400 Marks								

The IV semester will start with Professional Experience (Placement) of duration 8 Weeks.

ABSORPTION SCHEME

SMT. MANORAMABAI MUNDLE COLLEGE OF ARCHITECTURE,
DEGREE IN MASTER OF ARCHITECTURE IN ARCHITECTURE EDUCATION

I Semester M. Arch. (Architecture Education)

SUBJECT CODE	SUBJECTS OF OLD SYLLABUS	SUBJECT CODE	SUBJECT OF CBCS SCHEME
1-AE-1	Introduction To Learning Methods	PG AE 101 T	Introduction to Learning Methods-I
1-AE-2	Pedagogy Of Architecture Education	PG AE 102 T	Basics of Architecture Education
1-AE-3	Transmission Of Knowledge In Buildings	PG AE 103 T	Society and architecture
1-AE-4	Traditions Of Teaching Methods	PG AE 104 T	Elective –I Appreciation and criticism
1-AE-5	Paper Writing And Presentation	PG AE 106 P	Paper Writing and Presentation
1-AE-6	Studio – I - Learning / Teaching Methods And Techniques	PG AE 107 P	Studio – I - Learning / Teaching Methods and Techniques

II Semester M. Arch. (Architecture Education)

SUBJECT CODE	SUBJECTS OF OLD SYLLABUS	SUBJECT CODE	SUBJECT OF CBCS SCHEME
2-AE-1	Research Methodology	PG AE 201 T	Introduction To Learning Methods-II
2-AE-2	Appreciation And Criticism	PG AE 203 T	Behaviour & Expression Of Structures
2-AE-3	History Of Contemporary Architecture Education	PG AE 202 T	History Of Architecture Education
2-AE-4	Visual Arts And Cad	PG AE 206 P	Visual Arts And Cad
2-AE-5	Practice Lessons In Theory And Studio	PG AE 205 T	Foundation Courses -I Research Methodology For Architecture And Design
2-AE-6	Studio – II - Learning / Teaching Methods – Development Of Tools	PG AE 207 P	Studio – II Learning / Teaching Methods – Development Of Tools

III Semester M. Arch. (Architecture Education)

SUBJECT CODE	SUBJECTS OF OLD SYLLABUS	SUBJECT CODE	SUBJECT OF CBCS SCHEME
3-AE-1	Design Philosophy And Learning Methods	PG AE 303 P	Social Relevance Of Architecture Education
3-AE-2	Construction Principles & Methods	PG AE 302T	Foundation Courses –II Environment Issues In Architecture
3-AE-3	Behaviour & Expression Of Structures	PG AE 304 P	Seminar
3-AE-4	Elective Subjects- Environment Issues In Architecture	PG AE 301P	Elective IV(Open Architecture)
3-AE-5	Seminar On 3AE 4	PG AE 304 P	Seminar
3-AE-6	Studio – III - Design Methods /Construction Methods – Innovative Approach	PG AE 305P	Studio – III - Design Methods / Construction Methods – Innovative Approach

IV Semester M. Arch. (Architecture Education)

SUBJECT CODE	SUBJECTS OF OLD SYLLABUS	SUBJECT CODE	SUBJECT OF CBCS SCHEME
4-AE-1	Institutional Experience	PG AE 401 T	Professional Training
4-AE-2	Presentation And Report On 4-AE-1	PG 402 P	Colloquim
4-AE-3	Dissertation And Project	PG AE 403 T	Dissertation And Project

RashtrasantTukdojiMaharaj Nagpur University, Nagpur

Faculty of Engineering & Technology (Board of Studies - Architecture)

Course and Examination Scheme of Master of Architecture- Architecture Education

Choice Base Credit System (CBCS)

NEW SYLLABUS

OBJECTIVE

Field of 'Architecture Education' is growing at a fast pace in India. The objective of this course is to impart professional training to teachers of architecture.

I Semester M. Arch. (Architecture Education)

PGAE101T INTRODUCTION TO LEARNING METHODS-I

Objective: Teaching has to lead to learning and subsequently, generation of knowledge. Hence this subject is aimed at making future teachers aware of learning methods and their application in teaching architectural subjects / issues.

Unit 1: Concept of education with reference to classical philosophies of education

Unit 2: Aims and objectives of education with reference to higher education in India

Unit 3: Education as a bi-polar and tri-polar process

Unit 4: Blooms Taxonomy of objectives (original and revised)

Unit 5: Principles of teaching and learning

Unit 6: Factors of learning behavioristic theory of conditioning, Levin's field theory and Carl Roger's theory of experiential learning

Sessional Work: Assignments, tests etc.

REFERENCES

1. George Kneller(1971), "Philosophy of Education" John Wiley & Sons Inc; 2nd Revised edition (17 November 1971)
2. J. S.Chauhan, "Advanced Education Psychology" Sumit Prakashan
3. J. C. Agrawala (2009), "Essential of educational technology" Vikas Publishing House Pvt Ltd, 01-Nov-2009
4. Bruce Joyce(2014), "Models Of Teaching" Pearson; 9 edition (April 14, 2014)

PGAE102T BASICS OF ARCHITECTURE EDUCATION

Objective: Pedagogy is an art and science of teaching and learning.

Objective of this subject is to understand Pedagogy of Architecture.

Unit 1: Understanding meaning of Architecture and Peculiar requirements of Architecture Education

Unit 2: Models of Teaching: Advanced Organizer, Concept attainment model, Simulations

Unit 3: Synectics as a model of teaching. The essence of creativity in synectics. Use of synectics in the design studio

Unit 4: Techniques of teaching-learning: Maxims of teaching and its application to subjects of architecture, concept mapping, creating concept maps. Basic aspects of classroom management.

Sessional Work: Assignments, tests, site visits.

REFERENCES:

1. S. K. Mangal (2009)“Essential of educational technology”, PHI Learning Pvt. Ltd., 2009.
2. Bruce Joyce and Marsha Weils,“Models of Teaching”, Pearson; 9 edition (April 14, 2014)
3. Klausmier and Ripple (1971)“Learning and Human Abilities” Harper &Row, New York.
4. Eames Charles & Ray, ‘An Eames Anthology’, Yale University Press, Edited by Ostroff Denial.

PGAE103T SOCIETY AND ARCHITECTURE

Objective: Understanding changing needs of the society and co-relating it with Architecture education is the basis of this subject.

Unit1: To understand social relevance of architecture. Effects of social theories on architecture

Architecture mirrors the social, political, economical and educational conditions of the society. Quality of the demand for architecture and supply of design is directly related to architecture education.

Unit 2: Culture and its impact on architecture

Unit 3: Various theories related to social changes. Reasons and impacts of social changes on architecture.

Unit 4: Change in technology and its impact on Architecture.

Sessional Work: Assignments, tests, etc.

REFERENCES:

1. Paul Oliver (2006), 'Built to Meet Needs', 1st Ed.,Elsevier Ltd. Pub., U.K.
2. Rapport Amos (1969), 'House, Form and Culture', Prentico Hall, London.
3. Day Christopher, 'Consensus Design', Routledge.

PGAE104P ELECTIVE –I

APPRECIATION AND CRITICISM

Objective: Objective and scope of this elective is to acquaint students with the arts, skill and technique of visual perception, communication of the aesthetics of architecture and other associated art forms in a journalistic manner.

Unit 1: Ability of Understanding: This will generate ability of understanding “architectural form” in better manner. It includes appreciation advocatory, descriptive, evaluative, interpretative and other evaluation criteria and methodology.

Unit 2: Development of Design Thoughts: It is to assist understanding, developing and expressing a design thought in its right perspective purpose, manner and mode.

Unit 3: Theories and models for experiencing architecture.

Sessional Work: Assignments, tests, site visits and appreciation of buildings, books etc..

REFERENCES:

1. Sir Banister Fletcher,(1996)“History of Architecture”, Architectural Press, 1996
2. Rizzoli (March 18, 2008);“How to Read A Building”Rizzoli (March 18, 2008);
3. Satish Grover(2002), “Islamic Architecture in India”,CBS Publishers & Distributors
4. Kenneth Frampton,(2007) “Towards New Architecture”, Thames & Hudson; 4 edition (September 30, 2007)

PGAE105T ELECTIVE-II (OPEN)

1. Life Skill /Soft Skill

Objective : To enable students to cope with challenges of today's world and live a life which is socially and emotionally enriching.

WHO Department of Mental Health has identified five basic areas of life

Skills those are relevant across cultures

- Decision-making and problem-solving
- Creative thinking and critical thinking
- Communication and interpersonal skills
- Self-awareness and empathy
- Coping with emotions and coping with stress.

Course objectives-The life skills education contributes to

- Basic education
- Gender equality
- Democracy
- Good citizenship
- Quality and efficiency of the education system
- The promotion of lifelong learning
- Quality of life
- The promotion of peace.

Modules for the elective on soft skills

- Decision Making
- Critical thinking
- Communication and Interpersonal skills
- Self-awareness and empathy
- Coping with emotions and stress

2. GREEN BUILDING

COURSE OBJECTIVES-

Depletion of the earth's natural resources, soaring energy costs, pollution of vital water and food sources, and irreversible environmental degradation and climate change are serious challenges facing the human civilization. This course is designed to enable students to understand the severity of these issues and steps to be taken to mitigate these issues.

By the end of semester, students will be able to:

- Identify major challenges facing the planet earth and human society
- Describe primary components of a green building system
- Understand feasibility of alternative products and solutions based on life-cycle analysis (LCA) methods
- Perform detail performance evaluation of a building based on green rating standards

The course is designed for post graduate course for all branches of Engineering and Technology of RTM Nagpur University

UNIT – 1: Introduction– Introduction to sustainability, environmental challenges, global warming and need to go green.

UNIT – 2: Energy conservation and energy efficiency strategies, climate responsive design, selection of building materials, what makes a material green

UNIT – 3: Renewable sources of energy- Solar energy, Wind energy

UNIT – 4: Green Rating Systems- Indian Green Building Council - IGBC rating systems, Green Rating For Integrated Habitat Assessment (GRIHA), Leadership in Energy and Environmental Design (LEED) Energy Rating System, tax incentives and more

UNIT – 5: Green Buildings in India – Case Study

REFERENCES:

1. C.J. Kibert (2008) “Sustainable Construction: Green Building Design and Delivery”, 2nd Ed., John Wiley, Hoboken, New Jersey.
2. Koenigsberger, O. H., Ingersoll, T. G., Mayhew, A., Szokolay, S. V., 1973. “Manual of Tropical Housing and Building” Part 1. Climatic Design, Orient Longman Pvt. Ltd.
3. Krishnan, A. (ed.), Baker, N., Yannas, S., Szokolay, S., 2001. Climate Responsive Architecture – A Design Handbook for Energy Efficient Buildings, Tata McGraw-Hill Publishing Company Limited, New Delhi.
4. Givoni, B., 1969. Man, Climate and Architecture, Elsevier Publishing Company Limited.
5. Majumdar Mili (2002), Energy Efficient Buildings in India, Tata Energy Research Institute, New Delhi.

PGAE106P PAPER WRITING AND PRESENTATION

Objective: Every teacher is expected to write papers at National and Inter-national forum for self development, so as to be better equipped to transmit knowledge / information to students.

Unit 1: Methods of paper writing: The subject shall make students acquainted with standardized methods of paper writing and presenting.

Sessional Work: Assignments, tests, seminars

REFERENCES:

To be suggested by concerned teachers

PGAE107T STUDIO – I -DESIGN PROCESSES -PART I

Unit 1: To understand design processes adopted by architects

Unit 2: Various thinking skills, tools and techniques adopted by architects for deriving design ideas.

Students will undertake classroom and workshop assignments, conduct field observations, make presentations and participate in group discussions and seminars. Study tour and dialogues with architects will be an integral part of the studio. All the experiments are to be conducted with undergraduate students.

Sessional Work: Assignments, presentation, workshop and market survey.

REFERENCES:

1. Ashraf Salama, (1995)“New Trends in Architecture Education”, Raleigh, N.C.: Tailored Text, 1995.

II Semester M. Arch. (Architecture Education)

PGAE201T INTRODUCTION TO LEARNING METHODS -II

Objective: To understand ancient teaching and learning methods in India and other parts of the world.

Unit 1: Micro teaching skills for architecture.

Unit 2: Experiential learning for architecture.

Unit 3: Documentation and role of graphics as a subject in architecture education.

Unit 4: Understanding creativity, creative techniques and exercises in architecture.

Sessional Work: Assignments, tests, seminars

REFERENCES:

1. J. C. Agrawala, "Essential of educational technology", Vikas Publishing House Pvt Ltd, 01-Nov-2009
2. Bruce Joyce, "Models Of Teaching", Pearson; 9 edition (April 14, 2014)
3. New Trends in Architecture Education, By- Ashraf Salama
RALEIGH, N.C.: TAILORED TEXT, 1995.

PGAE202T HISTORY OF ARCHITECTURE EDUCATION

Objective: The aim of this subject is to make students understand the process of evolution and development of man and rules of Architecture in that process of evolution.

Unit 1: Traditions of teaching methods – Gurukul system, ancient universities like Nalanda and Takshashila.

Unit 2: Transmission of knowledge in architecture through temple architecture.

Unit 3: Transmission of knowledge in architecture medieval period.

Unit 4: History of formal architecture education in India.

Unit 5: History of formal architecture education in rest of the world.

Sessional Work: Assignments, tests, education tour, seminars etc.

REFERENCES:

1. A brief History of India, By- Tim Lambert
2. Guide to Modern Architecture, By- Benham, Publisher -Architectural Press (December 1962)
3. Design In Architecture, By John Wiley, Publisher-John Wiley & Sons Ltd

PGAE203T BEHAVIOUR & EXPRESSION OF STRUCTURES

Objective: Every element of a building contributes to the aesthetics of that building. Understanding behaviour of structures under stresses construction systems and Bio-climatic response of building elements to these systems would be the objective of this subject.

Unit 1: Understanding behaviour of structures

Unit 2: Bio-climatic response of building elements

Unit 3: Impact of the above two on Architectural expression

Sessional Work: Assignments, tests and site visits for critical appraisal of buildings.

REFERENCES:

1. Aesthetics of building- a search in visual and structural dynamism, Ph.D. Report by Dr. Alpana Dongre
2. Structural Systems, By Cowen **Publisher:** Van Nostrand Reinhold Company (December 1981)

PGAE204T ELECTIVE – III

1. CONSTRUCTION PRINCIPLES & METHODS

Objective: Construction is also a core subject of architecture education. The objective of this subject is to equip students teach construction principles & methods.

Unit 1: Evolution of Basic principles and advancement in construction technology

Unit 2: Methods to deliver technical intricacies for the matter of this subject.

Sessional Work: Assignments, tests, drafting simple plans etc.

REFERENCES:

1. Sushil Kumar, "Building Construction", Standard Publishers Distributors
2. Yatin Pandya, "Elements Of Space Making", Mapin Publishing Pvt, December 25th 2007
3. D.K Ching, "Architecture: Form, Space & Order", Van Nostrand Reinhold, New York 1979, 2nd ed.

2. ADVANCE TEACHING MODELS & AIDS

Objective: Teaching models are an important teaching aid. Importance of teaching models will be highlighted in the subject.

Unit 1: Scientific method of designing and formulating model

Unit 2: Types of models for different subjects and choice of appropriate teaching model

Sessional Work: Assignments, tests, etc.

PGAE205T FOUNDATION COURSE –I RESEARCH IN ARCHITECTURE PART I

Objective: The objective of this subject is to make students independent to design research projects and to come to certain conclusions.

Unit 1: Meaning of research in architecture.

Unit 2: Concepts of architecture evolved in various part of the world.

Unit 3: Indian traditional research methods.

Sessional Work: Assignments, tests, market survey etc.

REFERENCES:

1. Ranjeet Kumar, "Research methodology", SAGE Publications.
2. Robert Bogdam, "Research for Education", Pearson Education group, New York
3. John Creswell, "Research Design" SAGE Publications
4. Uwe Flick, "An Introduction To Qualitative Research", SAGE Publications
5. John Best, "Research in Education", SAGE Publications
6. R.N. Sharma, "Research method in Social Scien", Bombay Media Promoters 1983

PGAE206P VISUAL ARTS AND CAD

Objective: The objective of this subject is to expose students to various advanced CAD technologies and analysis and understanding of Visual Arts and CAD and its proper utilization.

Unit 1: Visual Arts: Visual arts basically involve visualization/ anticipation of form (architectural form), its visual analysis and understanding of its expressive qualities.

Unit 2: Uses of CAD: This includes uses of virtual reality by generating 3D form. How use of CAD technologies can make study much simpler, interesting and realistic. How computer aided spatial visual analysis can aid in improving visual qualities of architectural form.

Sessional Work: Assignments, tests, drafting simple plans etc.

REFERENCES:

To be suggested by Concerned Teachers

PGAE207P STUDIO – II –DESIGN PROCESSES PART II

Unit 1: To understand design processes adopted by architects

Unit 2: Various thinking skills, tools and techniques adopted by architects for deriving design ideas.

Students will undertake classroom and workshop assignments, conduct field observations, make presentations and participate in group discussions and seminars. Study tour and dialogues with architects will be an integral part of the studio. All the experiments are to be conducted with undergraduate students.

Sessional Work: Practice lesson in workshop.

REFERENCES:

1. Joseph O' Connor "The Art of System Thinking", Kindle Edition
2. Swami Rama, "Creative Use Of emotion" Himalayan Institute Press, June 1st 1987

III Semester M. Arch. (Architecture Education)

PGAE301T ELECTIVE SUBJECTS – DESIGN PROCESSES IN ALLIED ART

Objective

Unit 1: Understanding various art forms other than architecture.

Unit 2: Understanding the spaces required for these art forms.

Unit 3: Understanding the life style of the artists.

Unit 4: Understanding the attitude and their approach towards these art forms.

REFERENCES:

PGAE 302T FOUNDATION COURSES –II Research in Architecture Part II

Objective

Unit 1: Research in Architecture education.

Unit 2: Basics of architecture education (skill, knowledge and design)

Unit 3: Transmission of knowledge for skill.

Unit 4: Transmission of knowledge for research on design.

Unit 5: Building research and development – (a) object, scope and basic principles, (b) Different types of research in architecture (c) Action Research (d) Fundamental and Applied Research. (e) Historical Research

Sessional Work: Assignments, tests, etc.

REFERENCES:

PGAE303P SOCIAL RELEVANCE OF ARCHITECTURE EDUCATION

Objective 1: Understanding changing needs of the society and co-relating it with education is the basis of this subject.

Unit1: Environmental psychology

Unit 2: Role of symbolism and semiotics in architecture.

Unit 3: Culture and its impact on architecture Part II.

Unit 4: Emerging new typologies as per social needs.

Sessional Work: Assignments, tests, etc.

REFERENCES:

AshrafSalama, "New Trends in Architecture Education" Raleigh, n.c.: tailored text, 1995.

PGAE304P SEMINAR

Objective: Seminars are intended to develop the habit of exploring the subject in detail and make inquiries.

Sessional Work: Seminars related to Contemporary Philosophies in architecture and education would be undertaken by students.

REFERENCES:

To be suggested by Concerned Teachers

**PGAE305P STUDIO – III - DESIGN METHODS / CONSTRUCTION METHODS –
INNOVATIVE APPROACH**

Objective: Design and construction methods studied in theory subject would be practiced and verified for results under this subject.

Sessional Work: Practice lesson in workshop.

REFERENCES:

1. PremillaD'Cruz, "Thinking Creativity at Work", SAGE Publications
2. Edward De Bono, "Teaching Yourself to Think", Penguin UK (January 1, 1990)

IV Semester M. Arch. (Architecture Education)

PGAE401P PROFESSIONAL TRAINING

(PLACEMENT – 8 WEEKS)

Students will be placed in schools of architecture in different parts of India and outside India to understand the philosophy, teaching methods, strategies and techniques of teaching and learning of architecture practiced in those schools.

PGAE402P COLLOQUIM

PRESENTATION AND REPORT

Students will present their experience of training. Learning through each other's experiences is the objective.

PGAE403P DISSERTATION AND PROJECT

Every student will have to select a subject of interest related to architecture education and work on it to explore the details.