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| Department of Architecture | |
| LESSON PLAN | |
| Program Name | Architecture Assistantship |
| Subject Name | ARCHITECTURE DESIGN-III |
| Subject Code | ARPC - 3001 |
| Semester | THIRD |
| Subject Teacher Name | BANDNA DIXIT |

Evaluation Scheme

| Sr. No | Subject Name | Study scheme (Hrs/Week) | | Marks in Evaluation Scheme | | | | | |
|--------|--------------|----------------------------|----|----------------------------|----|-------|---------------------|----|-------|
| | | | | Internal Assessment | | | External Assessment | | |
| | | Th | Pr | Th | Pr | Total | Th | Pr | Total |
| 1 | AD-III | 1 | 6 | 40 | 40 | 80 | 60 | 60 | 120 |

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|-----------------|--|
| Reference Books | Time-saver Standards for Architectural Design Data: The Reference of Architectural Fundamentals", Donald Watson, McGraw-Hill, 1997. "Building drawing with an integrated approach to Built Environment", M. G. Shah, C. M. Kale, S. V. Patki, Tata McGraw-Hill Education, 2002. |
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Course Outcomes (COs)

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|--------|---|
| CO - 1 | To train student in design development and understanding and appreciation of space. |
| CO - 2 | to develop understanding of Functional requirements such as circulation, facilitation and area analysis |

Teaching Plan

| Chapters | Name of Topic | Proposed Date | Actual Date | Remarks |
|----------|--|---------------|-------------|---------|
| UNIT-I | introduction to various topics given in syllabus | 8/2/2024 | | |
| | duplex design preliminary sketch drawings | 8/5/2024 | | |
| | duplex design preliminary sketch drawings | 8/6/2024 | | |
| | concept discussion th | 8/7/2024 | | |
| | duplex design preliminary sketch drawings | 8/9/2024 | | |
| | duplex design preliminary sketch drawings | 8/12/2024 | | |
| | duplex design preliminary sketch drawings | 8/13/2024 | | |
| | concept discussion th | 8/14/2024 | | |
| | duplex design preliminary drawings | 8/16/2024 | | |
| | duplex design preliminary drawings | 8/19/2024 | | |
| | duplex design preliminary drawings | 8/20/2024 | | |
| | PRILIMINARY SUBMISSION | 8/21/2024 | | |
| | duplex design final drawing work | 8/23/2024 | | |
| | duplex design final drawing work | 8/27/2024 | | |
| UNIT-II | discussion on the project th | 8/28/2024 | | |
| | duplex design final drawing work | 8/30/2024 | | |
| | duplex design final drawing work | 9/2/2024 | | |
| | duplex design final drawing work | 9/3/2024 | | |
| | discussion on the project th | 9/4/2024 | | |
| | duplex design final drawing work | 9/6/2024 | | |
| | duplex design final drawing work | 9/9/2024 | | |
| | duplex design final drawing work CT-I | 9/10/2024 | | |
| | FINAL SUBMISSION | 9/11/2024 | | |
| | Design of public buildings concept discussion | 9/13/2024 | | |
| | basic sketch drawings | 9/16/2024 | | |
| | basic sketch drawings | 9/17/2024 | | |
| | concept discussion th | 9/18/2024 | | |
| | basic sketch drawings | 9/20/2024 | | |
| UNIT-III | basic sketch drawings | 9/23/2024 | | |
| | basic sketch drawings | 9/24/2024 | | |
| | discussion on the project th | 9/25/2024 | | |
| | preliminary drawings | 9/27/2024 | | |
| | preliminary drawings | 9/30/2024 | | |
| | preliminary drawings | 10/1/2024 | | |
| | preliminary drawings | 10/4/2024 | | |
| | preliminary drawings | 10/7/2024 | | |
| | preliminary drawings | 10/8/2024 | | |
| | PRILIMINARY SUBMISSION | 10/9/2024 | | |
| | final drawing work | 10/11/2024 | | |
| | final drawing work | 10/14/2024 | | |

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|---------|--|------------|--|--|
| | final drawing work | 10/15/2024 | | |
| | final drawing work CT-II | 10/16/2024 | | |
| | final drawing work | 10/18/2024 | | |
| | final drawing work | 10/21/2024 | | |
| | final drawing work | 10/22/2024 | | |
| | final drawing work | 10/23/2024 | | |
| | final drawing work | 10/25/2024 | | |
| | final drawing work | 11/1/2024 | | |
| | HOUSE TEST | 11/4/2024 | | |
| | HOUSE TEST | 11/5/2024 | | |
| | HOUSE TEST | 11/6/2024 | | |
| | HOUSE TEST | 11/8/2024 | | |
| | FINAL SUBMISSION | 11/11/2024 | | |
| | study of various architectural monuments | 11/12/2024 | | |
| | documentation of monuments th | 11/13/2024 | | |
| | drawing of any important building/architectural monument | 11/18/2024 | | |
| | drawing of any important building/architectural monument | 11/19/2024 | | |
| | site visit | 11/20/2024 | | |
| | drawing of any important building/architectural monument | 11/22/2024 | | |
| | drawing of any important building/architectural monument | 11/25/2024 | | |
| | drawing of any important building/architectural monument | 11/26/2024 | | |
| | drawing of any important building/architectural monument | 11/27/2024 | | |
| | drawing of any important building/architectural monument | 11/29/2024 | | |
| | drawing of any important building/architectural monument | 12/2/2024 | | |
| UNIT-IV | | | | |

Sig. of Teacher

Sig. of H.O.D.

LESSON PLAN

| | |
|----------------------|-------------------------------------|
| Program Name | Architecture Assistantship |
| Subject Name | BUILDING MATERIAL & CONSTRUCTION-II |
| Subject Code | ARPC - 2002 |
| Semester | Third |
| Subject Teacher Name | Rajinder Kumar |

Evaluation Scheme

| Sr. No | Subject Name | Study scheme (Hrs/Week) | | Marks in Evaluation Scheme | | | | | |
|-----------------|-------------------------------------|----------------------------|----|----------------------------|----|-------|---------------------|----|-------|
| | | | | Internal Assessment | | | External Assessment | | |
| | | Th | Pr | Th | Pr | Total | Th ^{ns} | Pr | Total |
| I | Building Material & Construction-II | 1 | 6 | 40 | 40 | 80 | 60 | 60 | 120 |
| Reference Books | | | | | | | | | |

Course Outcomes (COs)

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|--------|---|
| CO - I | Students shall be able to understand the different joinery details of timber construction and its applications. |
| CO - 2 | Students will appreciate the different wooden types available in the market. Students will be able to understand various construction details and terminologies related to the timber construction. |

Teaching Plan

| Chapters | Name of Topic | Proposed Date | Actual Date | Remarks |
|------------------------|---|---------------|-------------|---------|
| UNIT-I Timber | Timber, Variety of Indian timbers. (TH.) | 1/8/2024 | | |
| | Detailed drawings of Battened-Ledged-Braced doors (DCS) | 2/8/2024 | | |
| | Detailed drawings of Battened-Ledged-Braced doors | 3/8/2024 | | |
| | Detailed drawings of Battened-Ledged-Braced doors | 7/8/2024 | | |
| | characteristics and suitability for uses, defects and decay (TH.) | 8/8/2024 | | |
| | Battened-Braced-Framed doors (DCS) | 9/8/2024 | | |
| | Battened-Braced-Framed doors | 14/8/2024 | | |
| | Battened-Braced-Framed doors (DCS) | 16/8/2024 | | |
| | Glazed and paneled door | 17/8/2024 | | |
| | Glazed and paneled door | 21/8/2024 | | |
| | seasoning and preservation (TH.) | 22/8/2024 | | |
| | Glazed and paneled door (DCS) | 23/8/2024 | | |
| | Glazed and paneled door | 24/8/2024 | | |
| | Flush doors | 28/8/2024 | | |
| UNIT-II Wooden Joinery | Market survey of timber products and their applications (TH.) | 29/8/2024 | | |
| | Flush doors(DCS) | 30/8/2024 | | |
| | Flush doors | 31/8/2024 | | |
| | Detailed drawings of Casement windows | 4/9/2024 | | |
| | Introduction to joinery in timber (TH.) | 5/9/2024 | | |
| | Detailed drawings of Casement windows(DCS) | 6/9/2024 | | |
| | Detailed drawings of Casement windows | 7/9/2024 | | |
| | Detailed drawings of Bay windows | 11/9/2024 | | |
| | Introduction to various types of windows (TH.) | 12/9/2024 | | |
| | Class Test-I | 13/9/2024 | | |
| | Detailed drawings of Bay windows | 18/9/2024 | | |
| | Wooden Staircase (TH.) | 19/9/2024 | | |
| | Detailed drawings of Bay windows (DCS) | 20/9/2024 | | |

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|--------------------------------|---|------------|--|--|
| UNIT-III Wooden Stairs & Floor | Detailed drawings of Bay windows | 21/9/2024 | | |
| | Detailed drawing showing construction details of Wooden Stair | 25/9/2024 | | |
| | Introduction to the nature and characteristics of wood floors (TH.) | 26/9/2024 | | |
| | Detailed drawing & construction details of Wooden Stair (DCS) | 27/9/2024 | | |
| | Detailed drawing & construction details of Wooden Stair | 28/9/2024 | | |
| | Introduction to the wood construction-roofs (TH.) | 3/10/2024 | | |
| | Detailed drawing & construction details of Wooden Stair(DCS) | 4/10/2024 | | |
| | Wood floors at Ground floor level | 5/10/2024 | | |
| | Wood floors at Ground floor level | 9/10/2024 | | |
| | Characteristics of wood construction-roofs (TH.) | 10/10/2024 | | |
| | Wood floors at Ground floor level (DCS) | 11/10/2024 | | |
| | Class Test-II | 16/10/2024 | | |
| | Wood floors at Ground floor level (DCS) | 18/10/2024 | | |
| | Wood floors at first floor level | 19/10/2024 | | |
| | Wood floors at first floor level | 23/10/2024 | | |
| | advantages and limitations of wooden roof (TH.) | 24/10/2024 | | |
| | Wood floors at first floor level (DCS) | 25/10/2024 | | |
| | Wood floors at first floor level | 26/10/2024 | | |
| | Detailed drawings of King post Truss (DCS) | 1/11/2024 | | |
| | Detailed drawings of King post Truss | 2/11/2024 | | |
| UNIT-IV Roof & Roof Covering | House Test | 6/11/2024 | | |
| | House Test | 7/11/2024 | | |
| | House Test | 8/11/2024 | | |
| | Detailed drawings of King post Truss | 13/11/2024 | | |
| | King post Truss (TH.) | 14/11/2024 | | |
| | Detailed drawings of Queen post Truss | 16/11/2024 | | |
| | Detailed drawings of Queen post Truss | 20/11/2024 | | |
| | Queen post Truss (TH.) | 21/11/2024 | | |
| | Detailed drawings of Queen post Truss (DCS) | 22/11/2024 | | |
| | Detailed drawings of Queen post Truss | 23/11/2024 | | |
| | Detailed drawings of Lean to roof | 27/11/2024 | | |
| | Lean to roof (TH.) | 28/11/2024 | | |
| | Detailed drawings of Lean to roof (DCS) | 29/11/2024 | | |
| | Detailed drawings of Lean to roof | 30/11/2024 | | |

Sig. of Teacher

Sig. of H.O.D.

Department of Architecture
Dr. B. R. Ambedkar, Govt. Polytechnic, Ambota,
Distt. Una. (H.P.) - 177205

LESSON PLAN

| | |
|----------------------|----------------------------|
| Program Name | Architecture Assistantship |
| Subject Name | BUILDING SERVICES |
| Subject Code | ARBSAE – 3003 |
| Semester | Third |
| Subject Teacher Name | Rajinder Kumar |

Evaluation Scheme

| Sr. No | Subject Name | Study scheme (Hrs/Week) | | Marks in Evaluation Scheme | | | | | |
|--------|-------------------|-------------------------|----|----------------------------|----|-------|---------------------|----|-------|
| | | | | Internal Assessment | | | External Assessment | | |
| | | Th | Pr | Th | Pr | Total | Th | Pr | Total |
| 1 | Building Services | 3 | - | 40 | - | 40 | 60 | - | 100 |

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| Reference Books | Water Supply Engineering", Dr. B.C. Punmia, Ashok Kumar Jain and Arun Kumar Jain, Laxmi, 2003. |
| | Disaster management Manuals. & Basic of Electrical and electronics by S.K. Bhattacharya |

Course Outcomes (COs)

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|--------|--|
| CO – 1 | Students will be familiar with different materials and equipment available for building services. |
| CO – 2 | Students will try to assimilate the technical aspects of water supply, electrical and firefighting services in the architectural design and modern day construction. |

Teaching Plan

| Chapters | Name of Topic | Proposed Date | Actual Date | Remarks |
|---|---|---------------|-------------|---------|
| UNIT-I Water Supply | Detailed studies such as Sources and Treatment of water | 1/8/2024 | | |
| | Water demand & calculations, Storage & conveyance of water at municipal level. | 3/8/2024 | | |
| | Water supply systems and various fittings. Hot and Cold-water supply layouts. | 6/8/2024 | | |
| | Water supply design of a residence' Connection with water mains, design of Underground | 8/8/2024 | | |
| | Overhead water tanks, pump capacity, calculations for diameter of pipe. | 13/8/2024 | | |
| | Overhead water tanks, pump capacity, calculations for diameter of pipe. | 17/8/2024 | | |
| | Introduction to water supply in a multi-storied building | 20/8/2024 | | |
| | Introduction to water supply in a multi-storied building | 22/8/2024 | | |
| UNIT-II Wastewater and Solid Waste management | Definition of Refuse, garbage, rubbish, sullage, sub soil water, storm water, night soil, sewage- sanitary, domestic & industrial, sewer, sewerage & waste water. | 24/8/2024 | | |
| | Various drainage & sanitary fixtures & fittings, traps - role of water seal, sizes, materials and their space requirements. | 27/8/2024 | | |
| | Types of pipes and drains in different materials and their usage, diameter of pipes, slope standards. | 29/8/2024 | | |
| | Inspection and Intercepting chambers, manholes etc. ASSIGNMENT-I | 31/8/2024 | | |
| | Sewage and Effluent treatment- innovative and cost-effective sanitation concepts | 3/9/2024 | | |
| | Introduction to STP's & ETP's, Design calculations of septic tank & soak pit | 5/9/2024 | | |
| | Introduction to STP's & ETP's, Design calculations of septic tank & soak pit | 7/9/2024 | | |
| | Introduction to STP's & ETP's, Design calculations of septic tank & soak pit | 10/9/2024 | | |
| | Class Test-I | 12/9/2024 | | |

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| | Storm water design calculations for roof top & for surface drains, Rainwater Harvesting & Groundwater Recharge | 17/9/2024 | | |
| | Storm water design calculations for roof top & for surface drains, Rainwater Harvesting & Groundwater Recharge | 19/9/2024 | | |
| | Storm water design calculations for roof top & for surface drains, Rainwater Harvesting & Groundwater Recharge | 21/9/2024 | | |
| | Exercise: Design a layout for a residence for water supply, drainage, sewage and storm water. | 24/9/2024 | | |
| | Exercise: Design a layout for a residence for water supply, drainage, sewage and storm water. | 26/9/2024 | | |
| | Exercise: Design a layout for a residence for water supply, drainage, sewage and storm water. ASSIGNMENT-II | 28/9/2024 | | |
| UNIT-III Electrical services | Introduction to Thermal, Mechanical & Electrical energy Electrical distribution systems and safety devices | 1/10/2024 | | |
| | Types of wiring systems, advantages and disadvantages, safety and precautions, | 3/10/2024 | | |
| | Types of wiring systems, advantages and disadvantages, safety and precautions, | 5/10/2024 | | |
| | Types of electrical equipment/fixtures used in a building such as motors, fuses, switchboards, MCB's, ELCB's, fuse units, control | 8/10/2024 | | |
| | Types of electrical equipment/fixtures used in a building such as motors, fuses, switchboards, MCB's, ELCB's, fuse units, control panels etc. | 10/10/2024 | | |
| | Class Test-II | 15/10/2024 | | |
| | Standard symbols for various fixtures as per National Building Code 2016 | 19/10/2024 | | |
| | Exercise: Preparing an electrical layout with all necessary details for a small building/residence | 22/10/2024 | | |
| | Exercise: Preparing an electrical layout with all necessary details for a small building/residence | 24/10/2024 | | |
| | Exercise: Preparing an electrical layout with all necessary details for a small building/residence | 26/10/2024 | | |
| | Exercise: Preparing an electrical layout with all necessary details for a small building/residence | 2/11/2024 | | |
| | House Test | 5/11/2024 | | |
| UNIT-IV Illumination & Fire fighting | House Test | 7/11/2024 | | |
| | Introduction to Illumination, studies of the same such as various types of artificial lighting. ASSIGNMENT-III | 12/11/2024 | | |
| | Various Terms in lighting, standards of illumination for illumination levels. | 14/11/2024 | | |
| | Types of artificial lighting sources, types of luminaries & fixtures | 16/11/2024 | | |
| | Types of fire and its causes | 19/11/2024 | | |
| | Firefighting devices (Sprinkler system, Wet riser system, | 21/11/2024 | | |
| | Fire Extinguishers, Fire alarm, | 23/11/2024 | | |
| | Smoke detectors, various types of fire hydrants | 26/11/2024 | | |
| | Fire escape modes | 28/11/2024 | | |
| | Fire escape modes | 30/11/2024 | | |
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Sig. of Teacher

Sig. of H.O.D.

Department of Architecture
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LESSON PLAN

| | |
|----------------------|----------------------------|
| Program Name | Architecture Assistantship |
| Subject Name | HISTORY OF ARCHITECTURE-II |
| Subject Code | ARPC - 3004 |
| Semester | Third |
| Subject Teacher Name | BANDNA DIXIT |

Evaluation Scheme

| Sr. No | Subject Name | Study scheme (Hrs/Week) | | Marks in Evaluation Scheme | | | | | |
|--------|--------------|-------------------------|----|----------------------------|----|-------|---------------------|----|-------|
| | | | | Internal Assessment | | | External Assessment | | |
| | | Th | Pr | Th | Pr | Total | Th | Pr | Total |
| 1 | HOA-II | 3 | - | 40 | - | 40 | 60 | - | 100 |

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|-----------------|---|
| Reference Books | History Of Architecture by G.K. Hiraskar. |
| | Percy Brown, „Indian Architecture: Buddhist and Hindu Periods”, D. B. Taraporevala, 1965. |
| | 2. Satish Grover, „The Architecture of India: Buddhist and Hindu”, Vikas, 1980 |

Course Outcomes (COs)

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|--------|--|
| CO - 1 | Students will be familiar with 'History of Built Environment' in the larger context of Time, Space, geophysical and social factors. |
| CO - 2 | Students will awareness of the glorious architectural past and to interpret the future development based on that tradition, wisdom and technical knowledge |

Teaching Plan

| Chapters | Name of Topic | Proposed Date | Actual Date | Remarks |
|--|---|---------------|-------------|---------|
| UNIT-I Development of Christian architecture | introduction to the subject | 8/5/2024 | | |
| | Early Christian architecture | 8/6/2024 | | |
| | Early Christian architecture | 8/7/2024 | | |
| | Byzantine, evolution, characteristic features | 8/12/2024 | | |
| | Byzantine, evolution, characteristic features | 8/13/2024 | | |
| | Romanesque, evolution, characteristic features | 8/14/2024 | | |
| | Romanesque, evolution, characteristic features | 8/19/2024 | | |
| | Gothic, evolution, characteristic features | 8/20/2024 | | |
| | Gothic, evolution, characteristic features | 8/21/2024 | | |
| | Renaissance and Baroque-Rococo evolution, characteristic features | 8/27/2024 | | |
| | Renaissance and Baroque-Rococo evolution, characteristic features | 8/28/2024 | | |
| | sketching of various related monuments ASSIGNMENT-I | 9/2/2024 | | |
| UNIT-II Rise and Development of Islamic architecture | Islamic Invasions, political and social conditions in India | 9/3/2024 | | |
| | Islamic Invasions, political and social conditions in India | 9/4/2024 | | |
| | CLASS TEST - I | 9/9/2024 | | |
| | Islamic Architecture in Imperial India- Slave dynasty | 9/10/2024 | | |
| | Islamic Architecture in Imperial India- Slave dynasty | 9/11/2024 | | |
| | Islamic Architecture in Imperial India- Khilji dynasty | 9/16/2024 | | |
| | Islamic Architecture in Imperial India- Khilji dynasty | 9/17/2024 | | |
| | Study of the Islamic Architecture in Imperial India-Tughlak dynasty | 9/18/2024 | | |
| | Study of the Islamic Architecture in Imperial India- Sayyid dynasty | 9/23/2024 | | |
| | Study of the Islamic Architecture in Imperial India- Lodi dynasty | 9/24/2024 | | |
| | Study of the Islamic Architecture in Imperial India- Lodi dynasty | 9/25/2024 | | |
| | Provincial Architecture of Malwa | 9/30/2024 | | |
| | Provincial Architecture of Bijapur ASSIGNMENT-II | 10/1/2024 | | |

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| UNIT-III Architecture in Europe | Industrial Revolution and its architectural Implications | 10/7/2024 | | |
| | Industrial Revolution and its architectural Implications | 10/8/2024 | | |
| | Industrial Revolution and its architectural Implications | 10/9/2024 | | |
| | Classicism and Neo Gothic Development of Architecture in Victorian England | 10/14/2024 | | |
| | Classicism and Neo Gothic Development of Architecture in Victorian England | 10/15/2024 | | |
| | Classicism and Neo Gothic Development of Architecture in Victorian England | 10/16/2024 | | |
| | CLASS TEST -II | 10/21/2024 | | |
| | Expositions and Birth of the American Skyscrapers | 10/22/2024 | | |
| | American Skyscrapers ASSIGNMENT-III | 10/23/2024 | | |
| | Expositions and Birth of the American Skyscrapers | 10/28/2024 | | |
| | Expositions and Birth of the American Skyscrapers | 10/29/2024 | | |
| UNIT-IV Architecture in Colonial India | Architecture in Colonial India | 10/30/2024 | | |
| | house test | 11/4/2024 | | |
| | house test | 11/5/2024 | | |
| | house test | 11/6/2024 | | |
| | Architecture in Colonial India | 11/11/2024 | | |
| | Architecture in Colonial India | 11/12/2024 | | |
| | Architecture in Colonial India | 11/13/2024 | | |
| | Birth of Indo-Saracenic Architecture in India. | 11/18/2024 | | |
| | Birth of Indo-Saracenic Architecture in India. | 11/19/2024 | | |
| | Birth of Indo-Saracenic Architecture in India. | 11/20/2024 | | |
| | Birth of Indo-Saracenic Architecture in India. | 11/25/2024 | | |
| | Birth of Indo-Saracenic Architecture in India. | 11/26/2024 | | |
| | Birth of Indo-Saracenic Architecture in India. | 11/27/2024 | | |
| | Birth of Indo-Saracenic Architecture in India. | 12/2/2024 | | |


signature of sub teacher.


Sig. of H.O.D.

LESSON PLAN

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|----------------------|---------------------------------|
| Program Name | Architecture Assistantship |
| Subject Name | CLIMATE RESPONSIVE ARCHITECTURE |
| Subject Code | ARPC -3005 |
| Semester | Third |
| Subject Teacher Name | BANDNA DIXIT |

Evaluation Scheme

| Sr. No | Subject Name | Study scheme (Hrs/Week) | | Marks in Evaluation Scheme | | | | | |
|--------|--------------|----------------------------|----|----------------------------|----|-------|---------------------|----|-------|
| | | | | Internal Assessment | | | External Assessment | | |
| | | Th | Pr | Th | Pr | Total | Th | Pr | Total |
| 1 | CRA | 3 | 0 | 40 | 0 | 40 | 60 | 0 | 100 |

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|------------------|---|
| Reference Books: | Energy-efficient Buildings in India by Mill Majumdar, TERI Press |
| | handbook for energy efficient buildings by Arvind Krishan, Nick Baker, Simos Yannas |

Course Outcomes (COs)

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|------|---|
| CO-1 | students will Understand Climatology & Human comfort and its role in architecture and the importance of climate responsive design |
| CO-2 | students will learn to implement passive design strategies in the design projects which in itself is the need of the hour. |

Teaching Plan

| Chapters | Name of Topic | Proposed Date | Actual Date | Remarks |
|---|---|---------------|-------------|---------|
| UNIT-I Climate and thermal comfort | introduction to the subject | 8/1/2024 | | |
| | role of climate with respect to shelter | 8/3/2024 | | |
| | role of climate with respect to shelter | 8/7/2024 | | |
| | importance of building climatology | 8/8/2024 | | |
| | Global climatic factors | 8/14/2024 | | |
| | elements of climate | 8/17/2024 | | |
| | Classifications of climates: climatic zones of India | 8/21/2024 | | |
| | Classifications of climates: climatic zones of India | 8/22/2024 | | |
| | Micro climate: | 8/24/2024 | | |
| | elements | 8/28/2024 | | |
| | elements | 8/29/2024 | | |
| | Thermal balance of human body, comfort zone ASSIGNMENT-I | 8/31/2024 | | |
| UNIT-II Sun, wind and precipitation in architecture | Thermal balance of human body, comfort zone | 9/4/2024 | | |
| | Heat flow through various components of buildings | 9/5/2024 | | |
| | Heat flow through various components of buildings | 10/7/2024 | | |
| | building envelope: conduction, convection, radiation; thermal balance | 9/11/2024 | | |
| | C.T.-I | 10/12/2024 | | |
| | building envelope: conduction, convection, radiation; thermal balance | 9/18/2024 | | |
| | building envelope: conduction, convection, radiation; thermal balance | 9/19/2024 | | |
| | Thermo-physical properties of building materials | 9/21/2024 | | |
| | Thermo-physical properties of building materials | 9/25/2024 | | |
| | air-to-air thermal transmittance effects of cavities | 9/26/2024 | | |
| | air-to-air thermal transmittance effects of cavities. ASSIGNMENT-II | 9/28/2024 | | |
| | movement of the sun, Sun path diagrams and its application | 10/3/2024 | | |
| | movement of the sun, Sun path diagrams and its application | 10/5/2024 | | |

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| UNIT-III Sun, wind and precipitation in architecture | sun control devices | 10/9/2024 | | |
| | sun control devices | 10/10/2024 | | |
| | study of wind directions in various seasons | 10/16/2024 | | |
| | C.T.-II | 10/19/2024 | | |
| | Functions of natural ventilation; supply of fresh air, | 10/23/2024 | | |
| | air movement in and around buildings | 10/24/2024 | | |
| | effect of wind on design and setting of buildings. ASSIGNMENT-III | 10/26/2024 | | |
| | Water-vapor: Relative-humidity, condensation, rain, fog, snow and | 11/2/2024 | | |
| | H.T. WEEK | 11/6/2024 | | |
| | Water-vapor: Relative-humidity, condensation, rain, fog, snow and arch | 11/7/2024 | | |
| UNIT-IV Design strategies | Day-light: glare, amount of light, sky as a source of light and day-light factor, effect of size and shape of openings in different planes with | 11/13/2024 | | |
| | Day-light: glare, amount of light, sky as a source of light and day-light f | 11/14/2024 | | |
| | size and shape of openings in different planes | 11/16/2024 | | |
| | size and shape of openings in different planes | 11/20/2024 | | |
| | Climate responsive traditional architecture | 11/21/2024 | | |
| | Climate responsive traditional architecture | 11/23/2024 | | |
| | climate responsive contemporary building projects from India | 11/27/2024 | | |
| | climate responsive contemporary building projects from India | 11/28/2024 | | |
| | climate responsive contemporary building projects from India | 11/30/2024 | | |
| | | | | |

Sig. of Teacher

Sig. of H.O.D

Department of Architecture
LESSON PLAN

| | |
|----------------------|----------------------------|
| Program Name | Architecture Assistantship |
| Subject Name | INTERIOR DESIGN |
| Subject Code | ARPE - 3006 II |
| Semester | THIRD |
| Subject Teacher Name | BANDNA DIXIT |

Evaluation Scheme

| Sr. No | Subject Name | Study scheme (Hrs/Week) | Marks in Evaluation Scheme | | | | | | |
|--------|-----------------|----------------------------|----------------------------|----|-------|---------------------|----|-------|----|
| | | | Internal Assessment | | | External Assessment | | | |
| | | | Th | Pr | Total | Th | Pr | Total | |
| 1 | INTERIOR DESIGN | 3 | 40 | 0 | 100 | | 60 | 60 | 60 |

Reference Books: Interior Design and Decoration Book by P. Seetharaman
 Decoration, Interiors: Design Book by Henry Wilson.

Course Outcomes (COs)

- CO - 1 The student will be able to develop a keen interest in Interior design.
- CO - 2 The students will be able to enhance their knowledge about the material used in Interior Design.

Teaching Plan

| Chapters | Name of Topic | Proposed Date | Actual Date | Remarks |
|-------------------------|--|---------------|-------------|---------|
| UNIT-I SPACE ANALYSIS | Space Analysis for various enclosures | 8/1/2024 | | |
| | Living Room | 8/5/2024 | | |
| | Living Room | 8/7/2024 | | |
| | dinning & kitchen | 8/8/2024 | | |
| | dinning & kitchen | 8/12/2024 | | |
| | dinning & kitchen | 8/14/2024 | | |
| | Bedrooms, Children bedrooms | 8/19/2024 | | |
| | Bedrooms, Children bedrooms | 8/21/2024 | | |
| | Toilets | 8/22/2024 | | |
| | Restaurants/ | 8/28/2024 | | |
| | Lobbies/Waiting space... | 8/29/2024 | | |
| | office and shops | 9/2/2024 | | |
| UNIT-II CASE STUDIES | office and shops | 9/4/2024 | | |
| | Case Studies of Live projects | 9/5/2024 | | |
| | Report on various projects which are part of case studies | 9/9/2024 | | |
| | Report on various projects which are part of case studies CT-I | 9/11/2024 | | |
| | Report on various projects which are part of case studies | 9/12/2024 | | |
| | Report on various projects which are part of case studies | 9/16/2024 | | |
| | Report on various projects which are part of case studies | 9/18/2024 | | |
| | Report on various projects which are part of case studies | 9/19/2024 | | |
| | Report on various projects which are part of case studies | 9/23/2024 | | |
| | Report on various projects which are part of case studies | 9/25/2024 | | |
| UNIT-III MARKET SURVEY | Report on various projects which are part of case studies | 9/26/2024 | | |
| | Market survey of materials | 9/30/2024 | | |
| | Collection of samples and catalogue from market | 10/3/2024 | | |
| | Collection of samples and catalogue from market | 10/7/2024 | | |
| | study of various finishing materials | 10/9/2024 | | |
| | study of various finishing materials | 10/10/2024 | | |
| | study of various finishing materials | 10/14/2024 | | |
| UNIT-IV DESIGN PROJECTS | study of various finishing materials | 10/16/2024 | | |
| | interior design project drawing preparation | 10/21/2024 | | |
| | interior design project drawing preparation | 10/23/2024 | | |
| | interior design project drawing preparation | 10/24/2024 | | |
| | HOUSE TEST | 11/4/2024 | | |
| | HOUSE TEST | 11/6/2024 | | |
| | HOUSE TEST | 11/7/2024 | | |
| | interior design project drawing preparation | 11/11/2024 | | |
| | interior design project drawing preparation | 11/13/2024 | | |
| | interior design project drawing preparation | 11/14/2024 | | |
| | interior design project drawing preparation | 11/18/2024 | | |
| | interior design project drawing preparation | 11/20/2024 | | |
| | interior design project drawing preparation | 11/21/2024 | | |
| | interior design project drawing preparation | 11/25/2024 | | |
| | interior design project drawing preparation | 11/27/2024 | | |
| | interior design project drawing preparation | 11/28/2024 | | |
| | interior design project drawing preparation | 12/2/2024 | | |

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