**KURUKSHETRA UNIVERSITY**

**BACHELOR OF SCIENCE (INTERIOR DESIGN)**

**PROGRAMME CODE: BID**

**DURATION – 3 YEARS FULL TIME**

**Programme Structure**

**&**

**Curriculum & Scheme of Examination**

**w.e.f 2015-16**

**KURUKSHETRA UNIVERSITY KURUKSHETRA**

**Bachelor of Science (Interior Design)**

**Duration – 3 years Full Time**

**SCHEME OF STUDIES & CURRICULUM STRUCTURE (BATCHES 2015 -16 AND ONWARDS)**

**SEMESTER-1 (odd semester))**

|  |  |  |  |
| --- | --- | --- | --- |
| **TEACHING SCHEME** | **Teach-ing****hours** | **EXAM DURATION (HRS)** | **ABSOLUTE MARKS DISTRIBUTION** |
| **SNO** | **SUBJECT CODE** | **COURSE TITLE** | **TotalMarks** | **Internal****Assess.** | **Theory Exam** | **Pract****Exam.** |
| Theory | Pract. |
| 1 | BID-101\* | Interior Design-I (Principles) | 150 | 6 | 5 | 0 | 30 | 120 | 0 |
| 2 | BID-102 | Materials & Construction Details-I | 100 | 4 | 3 | 0 | 20 | 80 | 0 |
| 3 | BID-103 | Drawing Techniques & Graphics-I | 100 | 4 | 4 | 0 | 20 | 80 | 0 |
| 4 | BID-104 | Art & Drawing-I | 100 | 4 | 4 | 0 | 20 | 80 | 0 |
| 5 | BID-105\*\* | Environmental Studies | 100 | 4 | 3 | 0 | 20 | 80 | 0 |
| 6 | BID-106 | Architecture & Interior Design | 75 | 3 | 3 | 0 | 15 | 60 | 0 |
| 7 | BID-107 | History of Interior Design-I | 100 | 4 | 3 | 0 | 20 | 80 | 0 |
| 8 | BID-108 | Communication Skills – I | 75 | 3 | 2 | 0 | 15 | 60 | 0 |
|  |  | **TOTAL** | **700** | **32** |  | **140** | **560** |  |

**Note:**

**\*-** This Drawing paper is like a Practical.

**\*\* -** Qualifying paper, marks not to be counted.

**KURUKSHETRA UNIVERSITY KURUKSHETRA**

**Bachelor of Science (Interior Design)**

**Duration – 3 years Full Time**

**SCHEME OF STUDIES & CURRICULUM STRUCTURE (BATCHES 2015 -16 AND ONWARDS)**

**SEMESTER-2 (Even Semester)**

|  |  |  |  |
| --- | --- | --- | --- |
| **TEACHING SCHEME** | **Teach-ing****hours** | **EXAM DURATION (HRS)** | **ABSOLUTE MARKS DISTRIBUTION** |
| **SNO** | **SUBJECT CODE** | **COURSE TITLE** | **TotalMarks** | **Theory** | **Pract.** | **Internal****Assess.** | **Theory Exam** | **Pract****Exam.** |
| 1 | BID-201\* | Interior Design-II | 150 | 6 | 5 | 0 | 30 | 120 | 0 |
| 2 | BID-202 | Materials & Construction Details-II | 100 | 4 | 3 | 0 | 20 | 80 | 0 |
| 3 | BID-203 | Drawing Techniques & Graphics-II | 100 | 4 | 3 | 0 | 20 | 80 | 0 |
| 4 | BID-204 | Art & Drawing-II | 100 | 4 | 4 | 0 | 20 | 80 | 0 |
| 5 | BID-205 | Computer Applications- I | 100 | 4 | 0 | 3 | 20 | 0 | 80 |
| 6 | BID-206 | Model Making Workshop | 100 | 4 | 0 | 3 | 20 | 0 | 80 |
| 7 | BID-207 | History of Interior Design-II | 100 | 4 | 3 | 0 | 20 | 80 | 0 |
| 8 | BID-208 | Communication Skills - II | 100 | 4 | 2 | 1 | 20 | 50 | 30 |
|  |  | **TOTAL** | **850** | **34** |  |  | **170** | **490** | **190** |

**EDUCATIONAL TOUR / TRAINING TO BECONDUCTED DURING VACATION OR HOLIDAYS.**

**Note:**

**\*-** This Drawing paper is like a Practical.

# FIRST SEMESTER

**K.U.K. Bachelor of Science (Interior Design) – 1st SEM**

**Interior Design-I (Principles) (BID-101)**

**Maximum Marks -150**

**Uni. Exam. Marks - 120**

**Sessional Marks - 30**

**Duration of Exam. - 5 hrs**

**Instruction to the examiner:**

The examiner will set eight questions in all, selecting two questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt five questions in all, selecting atleast one question from each unit.

**Course Objective:**

The objective of the course is to provide a clear understanding about the basic design elements and principles to be followed while designing any space using different standards, materials and technologies. It enables the students to understand the visual composition in an interior space with color schemes, textures, light, shadow etc. Introduction to human dimensions, functions, space – activities, space standards, relationships of a simple single living unit to understand the minimum space requirement by individual to perform various activities.

**Course Contents:**

**Unit I: Principles of visual composition**

Symmetry, Asymmetry, Repetition, Rhythm, Background, Foreground, Sense of Direction, Harmony, Balance and Proportion.

**Unit II: Elements of visual composition**

Dots, Lines, Planes, Patterns, Shapes, Colors, Textures, Levels, Light, and Fenestration, Exploring color schemes, Textures and Texture schemes.

**Unit III: Anthropometrics Study**

Human dimensions anthropometry in various postures (in applied form), their relation to everyday utilities like the table, chair, bed , sink etc . To make measured drawing of a bedroom with anthropometrical reference.

**Unit IV: Design Exercise**

Design of Anthropometrics Cell with minimum space requirements of single unit for a single person and study the interior spaces by making 3-D views (axonometric and isometric). This exercise will include areas like living area, sleeping area, washroom, cooking area with furniture layout in 2-D drawings including elevations covering an area of 25-50 sqm. Using various principles of design, textures and color schemes.

**References:**

* Drawing a Creative Process, Francis D.K. Ching
* Design Drawing + CD, Francis D.K. Ching
* Architecture Graphics, Francis D.K. Ching 4th Edition
* Interior design & space planning, Dechiara Pabero Zelnik
* Interior design illustrated, Francis D.K. Ching
* Home Plumbing (The David & Charles Manual of), Ernest Hall
* House Book (The Complete Guide to Home Design), Terence Conran
* Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
* Architectural Graphic standards editor, Boaz Joseph
* Neufert’s Architect’s data
* Time Saver standards for building types, Joseph D.C. and John Callender.
* Kitchen & Bath, Montse Zapata
* Bed room, Lestey Taylor
* The Curtain Book, Mitchll Beazlty
* Interior Design Visual, Maureen Mitton 2nd Edition
* 100 Bright Ideas For color, Sue Rose

**K.U.K. Bachelor of Science (Interior Design) – 1st SEM**

**Materials & Construction Details-I (BID-102)**

**Maximum Marks -100**

**Uni. Exam. Marks - 80**

**Sessional Marks - 20**

**Duration of Exam. - 3 hrs**

**Instruction to the examiner:**

The examiner will set six questions in all, selecting three questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt four questions in all, selecting atleast two questions from each unit.

**Course Objective:**

The objective of this course is to make the students understand of all the available materials, which are used in designing the various different interior spaces. It gives a fair knowledge of different furnishings and finishes used for all the interior surfaces of the space.

**Course Contents:**

**Unit I:**

Introduction to different building material like : mud,brick, stone, timber, glass etc.

Execute a market survey of different materials in terms of furnishes and finishes (Flooring material/finishes, wall material/finishes, roofing material /finishes).

**Unit II:**

Paints & varnishes, surface finishes.

Formulate a case study of an existing house to study its interiors along with furnishes and finishes used in it.

**References:**

* Interior design illustrated, Francis D.K. Ching
* Graphic Interiors
* (Space Designed by Graphic Artists), Corina Dean
* Home Plumbing (The David & Charles Manual of), Ernest Hall
* House Book (The Complete Guide to Home Design), Terence Conran
* Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
* Elements of Architecture – Meiss Pieree Von
* Architecture: Form, Space and Order – Francis D.K. Ching
* A.J. Metric Handbook, editors, Jan Bilwa and Leslie Fair weather
* Architectural Graphic standards editor – Boaz Joseph
* The Curtain Book, Mitchll Beazlty
* Interior Design Visual, Maureen Mitton 2nd Edition
* 100 Bright Ideas For color, Sue Rose
* Window Fashion, Charles T. Randall

**K.U.K. Bachelor of Science (Interior Design) – 1st SEM**

**Drawing Techniques & Graphics-I (BID-103)**

**Maximum Marks -100**

**Uni. Exam. Marks - 80**

**Sessional Marks -20**

**Duration of Exam. - 3 hrs**

**Instruction to the examiner:**

The examiner will set six questions in all, selecting three questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt four questions in all, selecting atleast two questions from each unit.

**Course Objective:**

To familiarize the students with basic knowledge of good drafting and lettering techniques and visualizing geometrical forms through plans sections & elevations.

**CONTENTS**

**UNIT-I**

• Line, lettering and Dimensioning

• Drafting techniques, principles of good drafting.

• Scales & its use in the Architectural drawing.

• Representation of material and Architectural Elements through Graphic Symbols

**UNIT-II**

• Projections of point, lines, planes & development of surfaces and Solids in various positions.

• Principles of projection, methods of orthographic projection study of Architectural Plans, Elevation and Section

**References:**

* A Visual Dictionary of Architecture, Francis D.K. Ching
* Creative Interiors (Design of Enclosed Space), Shashi Jain
* Interior design illustrated, Francis D.K. Ching
* Home Plumbing (The David & Charles Manual of), Ernest Hall
* House Book (The Complete Guide to Home Design), Terence Conran
* Architecture: Form, Space and Order, Francis D.K. Ching
* Window Fashion, Charles T. Randall
* Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
* Elements of Architecture, Meiss Pieree Von
* Architecture: Form, Space and Order, Francis D.K. Ching
* Engineering Drawing, N.D Bhatt

**K.U.K Bachelor of Interior Design (1st SEM)**

**Art & Drawing-I (BID-104)**

**Maximum Marks --100**

**Uni. Exam. Marks – 80**

**Sessional Marks – 20**

**Duration Of Exam – 4 hours**

**Instruction to the examiner:**

The examiner will set eight questions in all, selecting two questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt five questions in all, selecting atleast one question from each unit.

**Unit-I**

Introduction of drawing equipments, materials and methods of using them.

Scale & its application for drawing geometric shapes

Lettering different styles

Free-hand sketching: 200 (submit at the final submission)

**Unit-II**

Exercise to develop the free hand skills of drawing lines, circles, cubes etc.

Different strokes in pencil by using different grades, Tonal values, different textures etc.

**Unit-III**

Indoor and outdoor sketching, Shading & rendering -Using furniture, human being, vehicles, animals, birds, trees (natural & manmade objects) etc.

**Unit-IV**

Develop the ability to draw and colour with different mediums -Still live, landscape, interior etc. with (natural & manmade objects).

 **Medium: pencil, charcoal, crayons, pastel, water colours, pen and inks, Poster colour etc.**

**Reference Book**

 *Rendering with Pen & Ink by Robert W Gill: Thames & Hudson.*

 *Architectural Rendering Philip Crowe.. Architectural Rendering Albert & Habe*

 *How to paint & draw Jaxtheimer, Themes & Hudson.*

 *Architectural Rendering by Philip Crowe*

*Architectural Rendering by Albert & Habe*

 *How to paint & draw by Jaxtheimer*

 *Colour Fundamentals by Graves MAintland*

*Colour for Architects by T Porter, D Mikellides*

[Anatomy & Drawing](http://www.google.co.in/aclk?sa=L&ai=CRnMQ4f53VanjM4ST8AW9i4Ag3o7mrwe-092MmwL28IbrtgMIBhABKANg5YKAgKwOyAEHqgQkT9BeuHWOalppTRCpqTg-gd-rzEHGtg2lXVFM8gFyFn09X7bnwAUFoAYmgAf-js86kAcDqAemvhuoB5PCG6gHlMIb2AcB4BLVhd-LvbDS1DU&sig=AOD64_0kBf6j3YeBas865BLyTcj7VpB3dA&ctype=5&clui=1&rct=j&q=&ved=0CHcQ9A5qFQoTCK_uw-fjhMYCFQVHvAod7n4AGg&adurl=http://5231.xg4ken.com/media/redir.php%3Fprof%3D432%26camp%3D89%26affcode%3Dpg6790%26k_inner_url_encoded%3D0%26cid%3D75999461590%26networkType%3Dsearch%26kdv%3Dc%26kpid%3D8190089005%26kmc%3D100974391%26url%3Dhttp://www.amazon.in/Anatomy-Drawing-Victor-Perard/dp/8190089005%253Ftag%253Dgooginhydr18418-21%26tag%3Dgooginkenshoo-21%26ascsubtag%3D_kenshoo_clickid_&cad=rja) by [Victor Perard](http://books.google.co.in/books/about/Anatomy_and_Drawing.html?id=8ftFThNPZnsC)

*Fundamentels of Drawing by Barrington Barber*

*The Big book of Drawing & Painting by Francisco Asensio Cerver*

*The complete book of Drawing Techniques by peter Stanyer*

**K.U.K. BACHELOR OF INTERIOR DESIGN (1ST Semester)**

**ENVIRONMENTAL STUDIES (BID-105)**

**Maximum Marks --100**

**Uni. Exam. Marks: --80**

**Sessional Marks -- 20**

**Duration of Exam: --3 hrs**

**Instruction to the examiner:**

The examiner will set six questions in all, selecting three questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt four questions in all, selecting atleast two questions from each unit.

**OBJECTIVES**

* To know about physical environment and its components.
* To acquire knowledge of natural resources and their types.
* To understand the impact of human activities on ecology and need to conserve the resources.

**COURSE CONTENTS**

**UNIT - I**

* Definition, Scope and Importanceofenvironmental science.
* Natural Resources-water, mineral, food, energy and land resources.
* Role of individual in conservation of natural resources.
* Equitable use of resources for sustainable lifestyles.
* Concept, structure, function, types and diversity of ecosystems, value of biodiversity.
* India as a mega-diversity nation, threats to bio-diversity, conservation of bio-diversity**.**

 **UNIT - II**

* Definition, causes, effects and control measures of different types of pollution, climate changes, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust disaster management, population explosion
* Sustainable development, water conservation, rain water harvesting, watershed management, re-settlement and rehabilitation of people, environmental ethics, environment protection acts, public awareness
* Role of information technology in environment and human health

**REFERENCES**

* Down to Earth by Center for Science and Environment.
* Environmental Biology by Agarwal, K.C Nidi Publi.Ltd.Bikaner2001.
* Environmental Encyclopedia Cunningham by W.P. Cooper, Jaico Publ. House, Mumbai, 2001.
* Environmental Chemistry by A.K Wileely Eastem Ltd.
* Hazardous Waste, Incineration Brunner by R.C McGraw Hill Inc. 1989.
* Marine Pollution by Clark R.S, Clanderson Press Oxford .
* The Biodiversity of India by Bharucha, Erach, Mapin Publishing Pvt. Ltd, Ahmedabad, India.
* Water in Crisis by Gleick, H.P Pacifics Institute for Studies in Dev.

**K.U.K. Bachelor of Science (Interior Design) – 1st SEM**

**Architecture & Interior Design (BID-106)**

**Maximum Marks --75**

**Uni. Exam. Marks - 60**

**Sessional Marks - 15**

**Duration of Exam. - 3 hrs**

**Instruction to the examiner:**

The examiner will set six questions in all, selecting two questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt four questions in all, selecting atleast one question from each unit.

**Course Objective:**

The course is intended to apprise the students about the role and complexity in interior design with in the larger context of the built environments with special reference to their interiors. The primary aim is to create general awareness about the general and emerging trends in interior design.

**Course Contents:**

**Unit I: Interior Environment**

Functional and qualitative aspects of interior environment, integrated relationship of Architecture spaces and Interior spaces.

**Unit II: Volumetric spaces**

A continue of Architectural volumetric spaces – external and internal, Elements and principles of design related to aesthetics and functional aspects of built forms.

**Unit III: Trends**

Changing modern trends of interior design, the emerging role of professional interior designers, Training of interior designers related to professional practice aspects.

**References:**

* Home Plumbing (The David & Charles Manual of), Ernest Hall
* House Book (The Complete Guide to Home Design), Terence Conran
* Architecture: Form, Space and Order, Francis D.K. Ching
* Elements of Architecture, Meiss Pieree Von

**K.U.K. Bachelor of Science (Interior Design) – 1st SEM**

**History of Interior Design-I (BID-107)**

**Maximum Marks -100**

**Uni. Exam. Marks - 80**

**Sessional Marks - 20**

**Duration of Exam. - 3 hrs**

**Instruction to the examiner:**

The examiner will set six questions in all, selecting three questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt four questions in all, selecting atleast two question from each unit.

**Course Objective:**

This course focuses on the developmental aspects of Interior designing over the time period in different periods of history.

**Course Contents:**

**UNIT-I**

* Interior design elements & principles used during the Indian temples (Orissa, Central India, South India)
* Interior design elements & principles used during Mughal period.

**UNIT-2**

* Introduction About Company school of Art, Bengal school of art,
* Contemporary styles in art and some Famous works of Contemporary artists, sculptors in India

& group of artists of that time period(18th to mid 20th century).

* Introduction about mural and sculptures of (caves, Maurayan period, temples of Orissa, Central India(Madhya Pardesh), South India (Dravidian))
* Modern trends in Indian interior design.

**References:**

* A History Of Fine Arts in India & the West,Edith Tomory
* Interior Design & space Planning, DechiriaPabero Zelnik
* Interior Design Illustrate,Francis D.K. Ching
* Islamic Architecture in Interior, Satish Grover
* History of art by janson H.W., published by Newyork, 1978.
* A history of fine arts in India and the west orient by Tomory Edith, Published by Longman, 1995
* The Best Interior India,Anuradha Mahindra
* Indian Interior AngelikaTaschen
* Sir Fletcher B. A history of Architecture

## K.U.K. Bachelor of Science ( Interior Design) – 1st. SEM

## Communication Skills -I (BID-108)

##

## Maximum Marks -75

## Uni. Exam. Marks -60

## Sessional Marks -15

## Duration of Exam -2 hrs

**Instruction to the examiner:**

The examiner will set six questions in all, selecting two questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt three questions in all, selecting atleast one question from each unit.

**Course Objective:**

The course is intended to give a foundation of English Language. The literary texts are indented to help students to inculcate creative & aesthetic sensitivity and critical faculty through comprehension, appreciation and analysis of the prescribed literary texts. It will also help them to respond form different perspectives**.**

Course Contents:

**Unit I:**

 Phonetics (Basics)

Use of Dictionary

Use of Words: Synonyms - antonyms, Homonyms & Homophones

**Essentials of Grammar – I**

Articles

Parts of Speech

Tenses

**Essentials of Grammar – II**

Sentence Structure

Subject -Verb agreement

Punctuation

**Unit II:**

Communication

The process and importance

Principles & benefits of Effective Communication

Common Errors

**Spoken English Communication**

Speech Drills

Pronunciation and accent

Stress and Intonation

**Communication Skills-I**

Developing listening skills

Developing speaking skills

**Communication Skills-II**

Developing Reading Skills

Developing writing Skills

 **Contd. On next page**

**Written English communication**

Progression of Thought/ideas

Structure of Paragraph

Structure of Essays

**Unit III:**

**Short Stories**

Of Studies, by Francis Bacon

Dream Children, by Charles Lamb

The Necklace, by Guy de Maupassant

A Shadow, by R.K.Narayan

### Glory at Twilight, Bhabani Bhattacharya

### Poems

### All the Worlds a Stage Shakespeare

### To Autumn Keats

### Where the Mind is Without Fear Rabindranath Tagore

### Life Sarojini Naidu

### Night of the Scorpion Nissim Ezekiel

# SECOND SEMESTER

**K.U.K. Bachelor of Science (Interior Design) – 2nd SEM**

**Interior Design-II (BID-201)**

**Maximum Marks -150**

**Uni. Exam. Marks - 120**

**Sessional Marks - 30**

**Duration of Exam. - 5 hrs**

**Instruction to the examiner:**

The examiner will set six questions in all, selecting two questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt four questions in all, selecting atleast one question from each unit.

**Course Objective:** The objective of the course is to provide a clear understanding about the design procedures and techniques of interior design of spaces with different activities and uses, using different standards, materials and technologies. It enables the students to understand the visual design in an interior space with color schemes, textures, light, shadow etc. The exercise to be executed in this course enable the students to design the space interiors for a two storey building with the required services, infrastructure, furniture layout, circulation, open-built and exterior-interior relationship in and around the plot boundaries.

**Course Contents:**

**Unit I: Design problem**

Introduction to design problem with the methodology to proceed with the concept, Case studies and data collection through primary and secondary sources, Formulation of concept with client’s requirements.

**Unit II: Design aspects**

Introduction to various design aspects like: space configuration, interior circulation, the basic structural requirements, finishes, furniture layout, basic services, and aesthetics.

**Unit III: Design Exercise**

Design the interiors of an independent residential unit of minimum area of 150 sqm.

Design the interiors for a office space with a floor area of appx. 300sqm. – 400 sqm.

Design should be presented in the form of 2D and 3D drawings (plan, elevations, sections and views) rendered with textures, colors, patterns etc.

**References:**

* A Visual Dictionary of Architecture, Francis D.K. Ching
* Creative Interiors (Design of Enclosed Space), Shashi Jain
* Commercial Interior Perspectives, Graphic – Sha (Editor)
* Design with Wood , Carol Soucek King
* Drywall (Pro Tips for Hanging & Finishing), John D. Wagner
* Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
* Interior design illustrated , Francis D.K. Ching
* Home Plumbing (The David & Charles Manual of), Ernest Hall
* House Book (The Complete Guide to Home Design), Terence Conran
* Illustration + Perspectives (In Pantone Colors),Eiji Mitooka
* Elements of Architecture, Meiss Pieree Von
* Architecture: Form, Space and Order, Francis D.K. Ching
* A.J. Metric Handbook, Jan Bilwa and Leslie Fair weather
* Architectural Graphic standards, Boaz Joseph
* The Curtain Book, Mitchll Beazlty
* Interior Design Visual, Maureen Mitton 2nd Edition
* 100 Bright Ideas For color, Sue Rose
* Window Fashion, Charles T. Randall
* Illustration + Perspectives (In Pantone Colors), Eiji Mitooka

**K.U.K. Bachelor of Science (Interior Design) – 2nd SEM**

**Materials & Construction Details-II (BID-202)**

**Maximum Marks -100**

**Uni. Exam. Marks - 80**

**Sessional Marks - 20**

**Duration of Exam. - 3 hrs**

**Instruction to the examiner:**

The examiner will set six questions in all, selecting three questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt four questions in all, selecting atleast two questions from each unit.

**Course Objective:**

To familiarize the students with construction properties and cases of traditional building materials used in construction. To understand the use of these traditional building materials in simple building works.

**Course Contents:**

**Unit I: Materials**

Mud and Clay Products: Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi,

Stone, Lime, Sand, flyash, Surkhi, Cement, Mortar, Concrete: Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.

Water Proof Materials: Asphalt, Bitumen, and Synthetic

**Unit II: Construction**

Element of building: Terminology, nomenclature if various parts of building from foundation to roof.

Brick Works: Brick Terminology, Bonds in Brick work, Detail at junctions, Brick Jalis.

Stone Masonry, hollow block, lightweight concrete and glass block construction.

Foundation: simple, stepped, combined, cantilevered footing, RCC footing and raft foundation.

**References:**

* A Visual Dictionary of Architecture, Francis D.K. Ching
* Interior design illustrated , Francis D.K. Ching
* House Book (The Complete Guide to Home Design), Terence Conran
* Masonry (Concrete, Brick, Stone), Christine Beall
* Metric Handbook (Planning & Design Data) 2nd Ed. Edited By, David Adler
* Window Fashion, Charles T. Randall
* Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
* Elements of Architecture, Meiss Pieree Von
* Architecture: Form, Space and Order, Francis D.K. Ching
* The Construction of Building Vol- 1 to 5, R. Barry
* Building Construction, N.L. Arora &, B.R. Gupta
* Interior Detail – 1 (Residence), Jeong, Kwang Young
* Interior Spaces Vol – 6 (A Pictorial Review), Image Publishing Group

**K.U.K. Bachelor of Science (Interior Design) – 2nd SEM**

**Drawing Techniques & Graphics-II (BID-203)**

**Maximum Marks -100**

**Uni. Exam. Marks - 80**

**Sessional Marks - 20**

**Duration of Exam. - 3 hrs**

**Instruction to the examiner:**

The examiner will set six questions in all, selecting three questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt four questions in all, selecting atleast two questions from each unit.

**Course Objective:**

To enable the students to have a better understanding of the 3-D views and effect of light on the object.

**UNIT-I**

**Pictorial View:** Oblique, Isometric, Axonometric views of solid composition & buildings

Definitions of perspective (picture plane, stationery point etc.)

**UNIT-II**

**Perspective: -** Normal Eye view & Birds eye view.

• One point & Two point perspective of building forms.(Exterior only)

• Perspectives having more than 2 vanishing points.

**Sciography :** Study of shadows & shade on building or part of building.

**References:**

* A Visual Dictionary of Architecture, Francis D.K. Ching
* Creative Interiors (Design of Enclosed Space), Shashi Jain
* Interior design illustrated, Francis D.K.Ching
* Home Plumbing (The David & Charles Manual of), Ernest Hall
* House Book (The Complete Guide to Home Design), Terence Conran
* Architecture: Form, Space and Order, Francis D.K. Ching
* Window Fashion, Charles T. Randall
* Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
* Elements of Architecture, Meiss Pieree
* Engineering Drawing, N.D Bhatt

**K.U.K. Bachelor of Science (Interior Design) – 2nd SEM**

**Art & Drawing-II (BID-204)**

**Maximum Marks -100**

**Uni. Exam. Marks - 80**

**Sessional Marks - 20**

**Duration of Exam. - 4 hrs**

**Instruction to the examiner:**

The examiner will set eight questions in all, selecting two questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt five questions in all, selecting atleast one question from each unit.

**Unit-I**

Free hand sketching & rendering of furniture, and interior schemes, landscape etc.

Orthographic projections of geometric forms &furniture items.

Free-hand sketching: 500 (submit at the final submission)

**Unit-II**

Rendering 2d & 3d with different mediums, colours and techniques -Exercise on still life, composition, pictorial views and landscape, interior, exterior etc. and different views with human beings and others natural & manmade objects

**Unit-III**

Serigraphy (screen Printing) in interior Space & Furniture, Drawing Solids, voids

**Unit-IV**

Models, 3D forms: free standing paper models representing motives, shapes.

**Medium: pencil, charcoal, crayons, pastel, water colours, pen and inks, Poster colour etc.**

**Reference Book**

 *Rendering with Pen & Ink by Robert W Gill: Thames & Hudson.*

 *Architectural Rendering Philip Crowe.. Architectural Rendering Albert & Habe*

 *How to paint & draw Jaxtheimer, Themes & Hudson.*

 *Architectural Rendering by Philip Crowe*

 *Architectural Rendering by Albert & Habe*

 *How to paint & draw by Jaxtheimer*

 *Colour Fundamentals by Graves MAintland*

 *Colour for Architects by T Porter, D Mikellides*

[Anatomy & Drawing](http://www.google.co.in/aclk?sa=L&ai=CRnMQ4f53VanjM4ST8AW9i4Ag3o7mrwe-092MmwL28IbrtgMIBhABKANg5YKAgKwOyAEHqgQkT9BeuHWOalppTRCpqTg-gd-rzEHGtg2lXVFM8gFyFn09X7bnwAUFoAYmgAf-js86kAcDqAemvhuoB5PCG6gHlMIb2AcB4BLVhd-LvbDS1DU&sig=AOD64_0kBf6j3YeBas865BLyTcj7VpB3dA&ctype=5&clui=1&rct=j&q=&ved=0CHcQ9A5qFQoTCK_uw-fjhMYCFQVHvAod7n4AGg&adurl=http://5231.xg4ken.com/media/redir.php%3Fprof%3D432%26camp%3D89%26affcode%3Dpg6790%26k_inner_url_encoded%3D0%26cid%3D75999461590%26networkType%3Dsearch%26kdv%3Dc%26kpid%3D8190089005%26kmc%3D100974391%26url%3Dhttp://www.amazon.in/Anatomy-Drawing-Victor-Perard/dp/8190089005%253Ftag%253Dgooginhydr18418-21%26tag%3Dgooginkenshoo-21%26ascsubtag%3D_kenshoo_clickid_&cad=rja) by [Victor Perard](http://books.google.co.in/books/about/Anatomy_and_Drawing.html?id=8ftFThNPZnsC)

*Fundamentels of Drawing by Barrington Barber*

 *The Big book of Drawing & Painting by Francisco Asensio Cerver*

 *The complete book of Drawing Techniques by peter Stanyer*

*Watercolour,Oil colour &Gouache by Wendey Jelbert & Ian Sidaway*

**K.U.K. Bachelor of Science (Interior Design) – 2nd SEM**

**Computer Applications- I (BID-205)**

**Maximum Marks -100**

**Practical exam. Marks - 80**

**Sessional Marks - 20**

**Duration of Practical Exam. -3 hrs.**

**Instruction to the examiner:**

The examiner will set eight questions in all, selecting four questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt five questions in all, selecting atleast two questions from each unit.

**Course Objective:-** The objective of course is give the students an idea & knowledge about the various computer software used in Interior Designing for Visualization

**Course Contents:

Unit : 1 Introduction of Basic Computer & Use Of Presentation Software’s ( Power Point** )
Creating a simple Presentation
Type Of Image Format
Viewing
Editing, Text
Different Type Of Image
Transaction
Animation
Audio ,Video Etc
 **Unit :2 AutoCAD 2D Design**Creating a New Drawing and Introduction
Commands & Option For Creating a new Drawing
layers, Block, & Attributes
Dimensioning
Viewing Existing Drawing.
Commands for zoom, Pan & Snap, Line etc.
Presentation Drawing Introduction to working Drawing.
Plotting Of Drawing.
Section, Elevation

Advance AutoCAD 2D Commands :Line, Circle, Grids, Arch, Middle, End, Poly Line, Polygon, & Its Application.

REFERENCES:

1. Inside Auto CAD.
2. Omura, G. 2005, Mastering Auto CAD 2005 and Auto CAD LT 2005, BPB Publications, New Delhi.
3. Saxena, S. (2003), A first course in computers, Vikas Publishing house, New Delhi.

**K.U.K. Bachelor of Science (Interior Design) – 2nd SEM**

**Model Making Workshop (BID-206)**

**Maximum Marks -100**

**Practical Exam. Marks - 80**

**Sessional Marks - 20**

**Duration of Practical. Exam. - 3 hrs**

**Instruction to the examiner:**

The examiner will set two options to make a model of required accuracy and finish.

**Instruction to the Candidate:**

The candidate will have to attempt one question in all.

Internal viva-voce to be conducted.

**Course Objective:**

The objective of the course is to introduce the tools and techniques used for making models out of paper, boards, thermo coal, fabrics, clothes, clay etc. This course enables students for the construction of 3-Dimentional models with different materials.

**Course Contents:**

Knowledge Material & tools and exercise for making models on scale.

Sequence of operation: base layout, cutting, joining, fixing and finishing of various components.

Presentation of models on scale, degree of accuracy and refinement.

Type of Models (Blocks/Details/Const & Interior models with texture, colour, finishing, Landscape and human figure etc.)

**NOTE :** Four to five exercises should be done with paper, cardboard etc.

**References:**

House Book (The Complete Guide of Home Design),Terence Conran

Elements of Architecture, Meiss Pieree Von

Architecture: Form, Space, and order, Francis D.K.Ching

**K.U.K. Bachelor of Science (Interior Design) – 2nd SEM**

**History of Interior Design-II (BID-207)**

**Maximum Marks -100**

**Uni. Exam. Marks - 80**

**Sessional Marks - 20**

**Duration of Exam. - 3 hrs**

**Instruction to the examiner:**

The examiner will set six questions in all, selecting three questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt four questions in all, selecting atleast two questions from each unit.

**Course Objective:**

The objective of the course is to introduce the students with the changes occurred in the past with the time. Familiarize with the different culture, society and their style of living, which effects the internal part of their buildings over different periods.

**Course Contents:**

**UNIT-I**

* Interior design elements & principles used during the Greek and Roman.
* Interior design elements & principles used during the Medieval Period (Gothic)
* Interior design elements & principles used during Renaissance: Early renaissance, High renaissance, Baroque and Neo Classical.
* Renaissance Art: Resurgence of Art from 15th to 16th Century in Europe, Abstract art and its Language.

**UNIT-2**

* Cave Paintings - Frescos & Murals ( Ajanta , Ellora techniques )
* Miniature Paintings in Indian history (Mughal, Rajput, Pahari, Deccan)
* Romanticism, Impressionism, Expressionism, Surrealism, cubism & Futurism, Abstract Art.
* Famous works of Contemporary artists, sculptors in abroad.

**References:**

* A History Of Fine Arts in India & the West,Edith Tomory
* Interior Design & space Planning, DechiriaPabero Zelnik
* Interior Design Illustrate,Francis D.K. Ching
* Islamic Architecture in Interior, Satish Grover
* History of art by janson H.W., published by Newyork, 1978.
* A history of fine arts in India and the west orient by Tomory Edith, Published by Longman, 1995
* The Best Interior India,Anuradha Mahindra
* Indian Interior AngelikaTaschen
* Sir Fletcher B. A history of Architecture

**K.U.K. Bachelor of Science (Interior Design) – 2nd SEM**

**Communication Skills** **-II (BID-208)**

**Maximum Marks -100**

## Uni. Exam. Marks - 50

**Practical Exam. Marks -30**

**Sessional Marks -20**

## Duration of theory Exam - 2 hrs

## Duration of Pract. Exam. - 1 hrs

**Instruction to the examiner:**

The examiner will set six questions in all, selecting two questions from each unit.

**Instruction to the Candidate:**

The candidate will have to attempt three questions in all, selecting atleast one question from each unit.

**Course Objective:**

To form written communication strategies necessary in the workplace

**Course Contents:**

**Unit I: Introduction to Writing Skills**

Effective Writing Skills

Avoiding Common Errors

Paragraph Writing

Note Taking

Writing Assignments

**Unit II:**

Letter Writing

Types

Formats

Memo

Agenda and Minutes

Notice and Circulars

**Unit III: Report Writing**

E-mail writing

Applications

Preparing Curriculum Vitae

 Continued on Next page

**PRACTICALS**

**Developing Listening** and Speaking skill through Various activities such as :

Role play activities

Practicing short dialoges

Debates

Speeches

Listening to News Bulletins

Viewing and Reviewing TV Programmes

Mock Interview

**References:**

* Business Communication, Raman – Prakash, Oxford
* Creative English for Communication, Krishnaswamy N, Macmillan
* Textbook of Business Communication, Ramaswami S, Macmillan
* Working in English, Jones, Cambridge
* A Writer's Workbook Fourth edition, Smoke, Cambridge
* Effective Writing, Withrow, Cambridge
* Writing Skills, Coe/Rycroft/Ernest, Cambridge
* Welcome!, Jones, Cambridge
* E.Suresh Kumar and P. Sreehari, “A Handbook for English Language Laboretories”, Osmania University, Hyderabad,2011.
* Mark Ibboston, “ Cambridge English for Engineering”, Cambridge University Press, UK,2011.