

**ST. TERESA'S COLLEGE (AUTONOMOUS)  
ERNAKULAM**

**(Affiliated to Mahatma Gandhi University, Kottayam)**



**CURRICULUM AND SYLLABUS FOR DIPLOMA IN  
INTERIOR AND EXTERIOR SPACE  
DESIGNING**

**Under Credit & Semester System**

**(2023 Admissions)**

**DEPARTMENT OF HOME SCIENCE**

## **BOARD OF STUDIES**

### **List of Members**

<b>Sl. No.</b>	<b>Category</b>	<b>Name of the member</b>	<b>Designation</b>	<b>Official Address</b>
1	Chairperson	Dr. Susan Cherian	Associate Professor and Head	Dept. of Home Science, St. Teresa's College, Ernakulam
2	Subject Expert	Dr. Beela G.K	Professor	Dept. of Community Science, College of Agriculture, Vellayani
3	Subject Expert	Dr. Kavitha Menon	Professor	Dept. of Food Science and Nutrition, Symbiosis International University, Pune
4	Alumni representative	Dr. Aswathy Sugunan	Associate Professor and Head	Dept. of Home Science, S.N College for Women, Kollam
5	University Nominee	Dr. Sapna Dinesh	Assistant Professor	Dept. of Home Science, Mount Carmel College, Bangalore
6	Member	Dr. Betty Rani Isaac	Associate Professor	Dept. of Home Science, St. Teresa's College, Ernakulam
7	Member	Smt. Teresa Kuncheria	Associate Professor	Dept. of Home Science, St. Teresa's College, Ernakulam
8	Member	Dr. Anu Joseph	Associate Professor	Dept. of Home Science, St. Teresa's College, Ernakulam
9	Member	Ms. Rose Mary Francis	Associate Professor	Dept. of Home Science, St. Teresa's College, Ernakulam

10	Member	Dr. Shilpa Jose	Assistant Professor	Dept. of Home Science, St. Teresa's College, Ernakulam
11	Member	Dr. Leena Leon	Assistant Professor	Dept. of Home Science, St. Teresa's College, Ernakulam
12	Member	Dr. Nisha Vikraman	Assistant Professor	Dept. of Home Science, St. Teresa's College, Ernakulam
13	Member	Smt. Nimmi Jacob	Assistant Professor	Dept. of Home Science, St. Teresa's College, Ernakulam
14	Member	Ms. Anu C. S.	Assistant Professor (on Contract)	Dept. of Home Science, St. Teresa's College, Ernakulam
15	Member	Smt. Bhavya. E. P.	Assistant Professor and Head	Dept. of Food Processing Technology St. Teresa's College, Ernakulam
16	Member	Smt. Priyanka P. S.	Assistant Professor	Dept. of Food Processing Technology St. Teresa's College, Ernakulam
17	Member	Smt. Surya M. Kottaram	Assistant Professor	Dept. of Clinical Nutrition and Dietetics St. Teresa's College, Ernakulam
18	Member	Smt. Vincy Vincent	Head	Community College. St. Teresa's College, Ernakulam

**MINUTES OF THE BOS MEETING OF THE UG AND PG BOARD OF  
DEPARTMENT OF HOME SCIENCE, HELD AT ST. TERESA'S COLLEGE  
(AUTONOMOUS), ERNAKULAM**

**ON 05/09/2023 AT 10 AM THROUGH ONLINE MODE**

The members of the Board of Studies of the Department of Home Science, Clinical Nutrition, B.Voc (FPT) and Community College, St. Teresa's College (Autonomous), Ernakulam met on 05/09/2023 (Tuesday) at 10 AM in online mode.

**ITEM 01/BOS/HSC/23/18** : Approval of the minutes of previous BoS meeting held on 21/02/2023. The minutes of the meeting held on 21/02/2023.was approved.

**ITEM 02/BOS/HSC/23/19** : Approval of the restructured Syllabus of Diploma courses - Interior Exterior Space Designing, Wellness Craft Bakers and Healthcare Assistance.

The BoS members approved the restructured Syllabus of Diploma courses - Interior Exterior Space Designing, Wellness Craft Baker and Healthcare Assistance (2023 Admission onwards).

It was suggested to introduce more flexibility in the timings of Diploma programmes so that regular students and faculty can join. Collaborations with industry and institutions like CFTRI were also put forth.

**ITEM 03/BOS/HSC/23/20:** Revision of eligibility criteria of MSc Home Science (all three branches)- BoS has approved the following eligibility criteria for admission to:-

**MSc. Resource Management and Interior Designing, MSc. Child Development,**

**MSc. Food Science and Nutrition-** BoS suggested widen the eligibility criteria of MSc. Food Science and Nutrition. BoS also suggested including life science programmes under the eligibility criteria and implementing a bridge course for such candidates.

**ITEM 04/BOS/HSC/23/21:** Approval of examiners for the End Semester Examination for 2023-'24 academic year - BoS approved the list of external examiners for the End Semester Examination of the academic year 2023-'24

**ITEM 04/BOS/HSC/23/22:** Any other matters with permission of the chair- Nil

**The following members attended the meeting, scrutinized and approved the items in the Agenda :**

1. Dr. Susan Cherian (Chairperson)
2. Dr. Beela G.K (Subject Expert)
3. Dr. Kavitha Menon (Subject Expert)
4. Dr. Aswathy Sugunan (Alumni representative)
5. Dr. Sapna Dinesh (University Nominee)
6. Dr. Betty Rani Isaac (Member)
7. Smt. Teresa Kuncheria (Member)
8. Dr. Anu Joseph (Member)
9. Ms. Rose Mary Francis (Member)
10. Dr. Shilpa Jose (Member)
11. Dr. Leena Leon (Member)
12. Dr. Nisha Vikraman (Member)
13. Smt. Nimmi Jacob (Member)

14. Ms. Anu C.S, Dept. of Home Science.
15. Smt. Bhavya. E. P (Member)
16. Smt. Priyanka P.S (Member)
17. Smt. Surya M Kottaram (Member)
18. Smt. Vincy Vincent, Head, Community College.

***Dr. Susan Cherian***  
***Chairperson, Board of Studies in Home Science***

# PREFACE

The curriculum, which encompasses the totality of student experience, should ensure a collective and dedicated effort to birth an inspiring academic culture in a campus. It is this vision of quality knowledge, its production and transmission that has fueled the Teresian quest for essential and elemental student development. St. Teresa's College has taken meticulous care in the conception of the new well-balanced curriculum by retaining the fundamental prerequisites mentioned by the University/ Higher Education Council. With the constraints of a prescribed syllabus in mind, we have created an academic sanctuary, where a deeper access to knowledge is achievable to students and teachers as well.

The Syllabus restructuring of 2023 instigates opportunities of real-world learning to equip a modern scholar with the practicality of experience. As an autonomous institution under Mahatma Gandhi University, St. Teresa's College offers a significant number of Programmes with definite placement windows to the learners. Student knowledge and training across a range of subject areas is efficiently enriched by engaging them in work-based learning, as provided by the revised and restructured curriculum.

The indefatigable effort taken by the teachers in developing Programmes and Course outcomes is commendable. The blossoming of the cognitive and intellectual skills of the scholars and pragmatic skill sets to venture out confidently into a professional space, are the core off-shoots that are anticipated.

I congratulate the efforts taken by the Principal, Dr. Alphonsa Vijaya Joseph and her team for restructuring the syllabus in keeping with the latest demands in academia. We look forward to sharing the outcomes of our restructured curriculum and the positive changes that would reshape the academic lives of all our scholars.

*Dr. Sr. Vinitha*

*Manager*

## FOREWORD

The most significant characteristic of an autonomous college is its commitment to curriculum renewal or revision. Academic autonomy has granted the college the freedom to fine tune the syllabus keeping in mind the changing needs of the new generation of students, the new educational scenario in the global context and incorporation of skill-based curricula. Revision of the syllabus implies responsibility and accountability and this leads to excellence in academics and proactive governance. Education in the current scenario throws up a multitude of challenges and the curricula and syllabi ought to reflect the paradigm shift that has occurred in the various disciplines.

We implemented a revision of the syllabus by modifying the curriculum after review to evaluate the effectiveness of the curriculum after it has been implemented and to reflect on what students got out of it. The three themes under Higher Education relevant to policy initiatives for restructuring of the curriculum i.e., 'integrating skill development in higher education', 'linking higher education to society' and 'integration of new knowledge' are considered with utmost importance during the revision of the syllabus.

Outcome-Based Education emphasizes that the learning process is innovative, interactive and effective, where the main goal is student achievement at the end of the learning period.

St. Teresa's College in its pursuit of imparting quality education has adopted an Outcome-Based Education (OBE) system that involves restructuring of curriculum, academic processes, teaching methodologies, assessment and evaluation systems in education to reflect the achievement of high order learning. It is a student-centric instruction model that focuses on measuring student performance through outcomes that include knowledge, skills and attitudes. The revised syllabus and curriculum results from the combined efforts of the members of the Board of studies, curriculum expert committee and the syllabus committee who worked as a team to revise the syllabus and curriculum in the stipulated period. We held active consultations with various stakeholders to elicit multiple perspectives in higher education which were incorporated in the new curriculum.

With sincere gratitude I acknowledge the instinct support and constant guidance extended by Rev. Dr. Sr. Vinitha, Provincial Superior and Manager, Rev. Sr. Emeline, Director, Dr. Sajimol Augustine M., Senior Administrator, Dr. Kala M.S., Vice-Principal and Dr. Beena Job, Dean of self-financed programmes. I specially thank the team headed by Dr. Betty Rani Isaac, the Heads of the Departments and all the faculty members for their diligence, commitment and exceptional contribution towards this endeavour.

*Principal*

### ACKNOWLEDGEMENT

True education is designed to guide students in learning a culture, moulding their behaviour and directing them towards their rightful role in society. Evolving with the current times, teaching and learning has changed much, and innovative ideas are put into practice to make the experience meaningful and fruitful.

I take this opportunity to place on record my sincere gratitude to all those who were part for restructuring and fine tuning the curriculum and syllabi for Community College Programme in **Diploma in Interior and Exterior Space Designing**, St.Teresa's College (Autonomous), Ernakulam affiliated to Mahatma Gandhi University, Kottayam. Their relentless support and guidance made this syllabus restructuring of 2023, a success.

I express my sincere gratitude to Dr. Alphonsa Vijaya Joseph, Principal, Dr. Sr. Vinitha (Celine E.), Manager, Sr. Emeline, Director, Dr. Sajimol Augustine M., Senior Administrator, Dr. Kala M.S., Vice Principal, and members of the Board of Studies for their sincere co-operation and guidance for completion of this work. I would also like to acknowledge with much appreciation Dr. Betty Rani Isaac and the members of the syllabus committee for the guidelines, valuable suggestions and expertise provided by them. I also express my gratitude to all professionals, academicians and other stakeholders who gave valuable suggestions.

With immense pleasure and gratitude I remember the untiring efforts made by Ms. Rose Mary Francis, Faculty member, Department of Home Science who worked hard in preparing this restructured syllabus and curriculum for the Community College students of our College. We are indebted to Sri. Arun Varghese, Managing Director, Talent Fly Institute of Professional Studies and Mr. Sanal Raj, Partner and Faculty, Talent Fly, Kochi for accepting our proposal and entering an MoU with our Institution for the efficient conduct of this skill-based Diploma. I also appreciate the support rendered by Mr. Antony Dixon Fonsaco, Faculty, for providing appropriate suggestions and Smt. Nimmi Jacob for editing and merging the final syllabus.

*Dr. Susan Cherian*

*Chairperson, Board of Studies, Home Science*

*St. Teresa's College, Ernakulam*

## CURRICULUM AND SYLLABUS 2023 ADMISSION ONWARDS

<b>Sl. No.</b>	<b>CONTENTS</b>	<b>Page No.</b>
1	PREAMBLE	
2	PROGRAMME OUTCOME	
3	PROGRAMME SPECIFIC OUTCOME	
4	ELIGIBILITY	
5	STRUCTURE OF UGC SKILL-BASED PROGRAMMES	
6	PROGRAMME DESIGN	
7	COURSE CODE FORMAT	
8	STRUCTURE OF DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING	
9	SCHEME OF THE PROGRAMME	
10	DISTRIBUTION OF COURSES AND CREDITS	
11	EXAMINATIONS	
12	SYLLABUS	

# UGC UGC (NSQF) APPROVED DIPLOMA PROGRAMME IN INTERIOR AND EXTERIOR SPACE DESIGNING

(2023-24 admissions onwards)

## 1. PREAMBLE

The University Grants Commission (UGC) had launched a scheme on 27 February, 2014 for skills development based higher education as part of college / university education leading to Certificate, Diploma, Advanced Diploma, B. Voc. Degree, P. G Diploma, M. Voc. degree and Research. Diploma in Interior and Exterior Space Designing is a one-year full-time credit based modular programme wherein banking of credits for skill and general education components shall be permitted to enable multiple exit and entry.

Diploma in **Interior and Exterior Space Designing** is a **2-semester** full time programme. The main objective of this programme is to enable the students to carve a niche for themselves in the world of interior designing by equipping themselves with professional knowledge and skills to gain employment as Interior Designers in the construction field or to start their own freelance work and design firms and thus provide them professional opportunities.

The programme will empower women coming from various disciplines with the holistic knowledge of designing efficient Interior and exterior spaces with elan. It will equip women with skills that help them become successful entrepreneurs and provide an extensive training programme in preparing the students to pursue careers as Interior Designers, Architectural draftsman, event and space designers and decorators.

The syllabus of the course is designed in such a way that it provides skill development required to be a successful designer along with entrepreneurial skills to set up their own venture. A unique feature of this programme is the interaction of the students with the industry through internships which will enhance their practical knowledge.

During the one-year duration of "**Interior and Exterior Space Designing**" trade a candidate is trained on professional skill and knowledge along with 'Employability skills' related to the job role. In this trade we don't just teach Interior Design, we encourage each and every student to access and nurture their own natural sense of flair and creativity. We also help them know how they can create new ideas, thoughts and also to execute them in real form. Besides this, a candidate is entrusted to undertake project work, extracurricular activities and on job training to build up confidence.

### **The broad components covered under Professional Skill subject are as below:**

The trainee gains knowledge for using drawing instruments and other supporting tools for preparing various drawings for Interior designing. The trainee learns to plan the design & position of furniture, fittings and fixtures within the space layout. And learns to make small residential and commercial drawing plans with scheduled sizes of furniture & apply colour schemes. She will also be able to analyse & use various building materials available in the market and choose it according to budget and other factors concerned. The trainee will draw perspective views and prepare presentation and portfolio preparation required for client presentations.

The trainee can perform different designs on planning along with AutoCAD and design supportive software and learns to develop drawing of different 2 D and 3D objects of different sizes in correct

scale on computer with the help of design software. The trainee will be able to draw different layout designs for Plumbing, Electrical, Lighting, Air Conditioning, etc.

During one-year duration in addition to the trade skills the trainee enhances her communication abilities in English, can hone her skills in entrepreneurship, become competent office managers, augment flair in soft skills and gain dexterity in basic accounting and bookkeeping skills. The trainees also undergo two weeks training / project work each (one month) at the mid and end of the year which gives them more practical exposure and helps to build up confidence level.

## 1.1. COURSE INFORMATION

The Syllabus and Curriculum of the **Diploma in Interior and Exterior Space Designing** is structured **NSQF level for ‘Interior Design & Decoration’ trade under CTS: Level 4 and 5**. As per notification issued by Govt. of India dated- 27.12.2013 on National Skill Qualification Framework total 10 (Ten) Levels are defined. Each level of the NSQF is associated with a set of descriptors made up of five outcome statements, which describe in general terms, the minimum knowledge, skills and attributes that a learner needs to gain in order to be certified for that level. It described each level of the NSQF by a statement of learning outcomes in five domains, known as level descriptors.

The broad Learning Outcomes\*\* of Interior Design & Decoration trade under CTS mostly matches with the Level descriptor at Level- 4. The NSQF level-4 descriptor is given below:

Level	Process Required	Professional Knowledge	Professional Skill	Core Skill	Responsibility
4	Work in familiar, predictable, routine, situation of clear choice	Factual knowledge of field of knowledge or study	Recall and demonstrate practical skill, routine and repetitive in narrow range of application, using appropriate rule and tool, using quality concepts	Language to communicate written or oral, with required clarity, basic understanding of social political and natural environment	Responsibility for own work and learning

**\*\* Learning outcomes are a reflection of total competencies of a trainee and assessment will be carried out as per the assessment criteria.**

## 2. PROGRAMME OUTCOME

The Department of Home Science is committed to provide an enriched educational experience to develop the knowledge, skills and attributes of students to equip them for life in a complex and rapidly changing world. On completion of Diploma in **‘Interior and Exterior Space Designing’** our students should be able to demonstrate the programme outcomes listed below:

### **PO1. Professional Knowledge**

- *Demonstrate knowledge of facts, principles, and general concepts in a field of work or study.*

### **PO2. Professional Skill**

- *Demonstrate a range of cognitive, employable and certifiable skills based on National Occupational Standards (NOSs).*

***PO3: Entrepreneurial Skill***

- *Develop entrepreneurial orientation along with required skill training for self employment and entrepreneurship development.*

***PO4. Communication Skills***

- *Develop language proficiency through interactions embedded in meaningful Contexts.*

***PO5. Leadership, Teamwork and Interpersonal Skills***

- *Function effectively both as leader and/or member of a team.*
- *Collaborate and interact effectively with others.*

***PO6. Moral & Ethical Awareness and Social Responsibility***

- *Demonstrate social and national responsibility.*
- *Engage in activities that contribute to the betterment of society, with a preferential option for the economically challenged and the marginalized.*

### **3. PROGRAMME SPECIFIC OUTCOMES**

The syllabus is framed in such a way that it provides skill-based education to students currently pursuing higher education but actually interested in entering the workforce at the earliest opportunity. **At the end of the programme, the students should able to:**

- ***PSO1. Recognize & comply with safe working practices, Environment regulation and Ecofriendly and Sustainable practices in the construction field.***
- ***PSO2. Interpret specifications and apply it in the field of work such as drawing the Geometrical construction, Dimensioning, Layout, Representation methods, Symbols, different Projections, Assembly drawing, Sectional views and Estimations.***
- ***PSO3. Draw building service detailing for commercial and residential interiors and prepare submission drawings for sanctions by using CAD and selection of different building materials judiciously after properly analysing them for the construction.***
- ***PSO4. Explain energy conservation, global warming and pollution and contribute it in day to day work by optimally using available resources.***
- ***PSO5. Manage personal income and accounts of an enterprise and organize the related tasks in day to day work for personal & societal growth.***

#### **3.1. ELIGIBILITY FOR ADMISSION:**

Eligibility for admissions and reservation of seats for Diploma in Interior and Exterior Space Designing shall be according to the rules framed by the UGC from time to time.

No student shall be eligible for admission to the course unless he/she has successfully completed the examination conducted by a Board / University at the +2 level of schooling or its equivalent in stream. The total no of seats allotted is **30**.

**The course will be offered to any applicant who has a pass at the Plus 2 level .**

#### **4. STRUCTURE OF UGC SKILL BASED PROGRAMMES**

The Government of India, taking note of the requirement for skill development among students, launched National Vocational Education Qualification Framework (NVEQF) which was later on assimilated into the **National Skills Qualifications Framework (NSQF)**. Various Sector Skill Councils (SSCs) are developing Qualification Packs (QPs), National Occupational Standards (NOSs) and assessment mechanisms in their respective domains, in alignment with the needs of the industry. In view of this, the UGC implemented the scheme of Community Colleges from 2013- 14 in pilot mode on the initiative of the MHRD. The Commission also launched another scheme of B.Voc. Degree programme to expand the scope of vocational education and also to provide vertical mobility to the students admitted into Community Colleges for Diploma programmes to a degree programme in the Universities and Colleges. Accordingly, 'Deen Dayal Upadhyay Centres for Knowledge Acquisition and Upgradation of Skilled Human Abilities and Livelihood (**KAUSHAL**)' was also incorporated. Since all these three provisions serve a common purpose, they are merged into a single scheme for providing skill-based education under the **National Skills Qualifications Framework**.

##### **4.1. NATIONAL SKILLS QUALIFICATIONS FRAMEWORK**

The **National Skills Qualifications Framework (NSQF)** is a competency-based framework that organizes qualifications according to a series of knowledge, skills and aptitude. The NSQF levels, graded from one to ten, are defined in terms of learning outcomes which the learner must possess regardless of whether they are obtained through formal, non-formal or informal learning. National Occupational Standards (NOS) are statements of the skills, knowledge and understanding needed for effective performance in a job role and are expressed as outcomes of competent performance. The NOSs and QPs for each job role corresponding to each level of the NSQF are being formulated by the respective Sector Skill Councils (SSCs) set up by National Skill Development Corporation (NSDC) with industry leadership. The curriculum which is based on NOSs and QPs would thus automatically comply with **NSQF**.

**The specific outcomes expected from implementation of NSQF are as follows: .**

- Mobility between vocational and general education by alignment of degrees with NSQF.
- Recognition of Prior Learning (RPL), allowing transition from non-formal to organized job market.
- Standardized, consistent, nationally acceptable outcomes of training across the country through a national quality assurance framework.
- Global mobility of skilled workforce from India, through international equivalence of **NSQF**.
- Mapping of progression pathways within sectors and cross-sectors.
- Approval of NOS/QPs as national standards for skill training.

##### **4.2. TYPE OF COURSES AND AWARDS**

Skill-based programmes can be offered at the level of Certificate, Diploma, Advanced diploma as per details given below.

- These will be full-time credit-based modular programme, wherein banking of credits for skill and general education components shall be permitted so as to enable multiple exit and entry. These should not be conducted as an add-on programme.
- The multiple entry and exit enable the learner to seek employment after any level of award and join back as and when feasible to upgrade qualifications / skill competencies either to move higher in the job profile or in the higher educational system. This will also provide the learner an opportunity for vertical mobility to second year of B. Voc. degree programme after one-year diploma

### **4.3. CURRICULA AND CREDIT SYSTEM FOR SKILL BASED COURSES**

- In order to make education more relevant and to create 'industry fit' skilled workforce, the institutions offering skill-based courses will have to be in constant dialogue with the industry and respective Sector Skill Council(s) so that they remain updated on the requirements of the workforce for the local economy.
- The curriculum in each of the semester/years of the programme(s) will be a suitable mix of general education and skill development components. Skill component of the courses shall have a minimum of 60% of the total credits and it can go up to a maximum of 70% of the total credits, and the balanced credits shall be of general education component.
- The institution(s) shall prepare a draft curriculum as per these guidelines and as per the provisions enumerated in MHRD Skill Assessment Matrix for Vocational Advancement of Youth (SAMVAY).
- The Curriculum shall be approved by the Board of Studies (BoS) and Academic Council of the University / Autonomous College.

### **4.4. SKILL COMPONENT**

- The skill component should have a minimum of **60%** and extendable up to a maximum of **70%** of the total credits. The skill component will include practical classes in laboratories / workshops, internships, apprenticeships and any other forms of hands-on training.
- Skill components of the programme/ courses shall be employment oriented. The institutions shall offer programme/ courses in domain areas which have significant demand in the job market.
- The curriculum should be aligned to Qualification Packs (QPs) / National Occupational Standards (NOSs) of selected job role(s) within the industry sector(s). This would enable the students to meet the learning outcomes specified in the NOSs.
- For the skill component, the model curriculum developed by the concerned Sector Skill Councils, wherever available, may be adopted or adapted in consultation with the industry partners. Wherever the curriculum is not available, the same may be developed in consultation with the relevant Sector Skill Councils and industry partners.

- The overall design of the skill development component along with the job roles selected should be such that it leads to a comprehensive specialization in one or two domains.
- The curriculum should also focus on work-readiness in terms of skills in each of the semesters.
- Adequate attention needs to be given in curriculum design to practical work, on-the-job training, development of student portfolios and project work. All skill-based programmes should be apprenticeship-embedded.
- The practical / hands-on portion of the skills component of the curriculum shall be transacted in face to face mode.

#### **4.5. GENERAL EDUCATION COMPONENT**

- General education component will include a curriculum which is supportive to the core trade in addition to communication skills, soft skills, ICT skills, critical thinking, problem solving, environmental studies and value education. As already mentioned, the skill component of the courses can vary from **60 % to 70%** of the total credits, and the balanced credits shall be of general education component.
- Relevance of programmes offered, along with that of the curriculum is important. Therefore, monitoring, evaluation and updating of the curriculum needs to be done periodically in consultation with all stakeholders, particularly the industries and SSCs keeping in view their requirements and changes in NOSs. The institutions offering skill-based courses are essentially required to have MoUs with relevant Industry Partner/s in order to facilitate on-site skill training of the learners enrolled under the skill-based courses.
- While formulating the curriculum, institutions will follow choice-based credit systems and provide provisions for credit transfer across the courses. The credit distribution should be rationally provided for the practical work, apprenticeships, on-job training and project work.

#### **4.6. CURRICULAR ASPECTS AND LEVEL OF AWARDS**

As the CBSE and many other school boards are initiating skill based vocational courses with certification at NSQF Level 4 for students completing 10+2, there may be three types of learners getting admission to first semester of Skill Based Programme:

**Category – 1:** Students already acquired **NSQF** certification Level 4 in a particular industry sector and opted for admission in the courses under Competency Skill Curriculum in the same trade with a job role for which he / she previously certified at school level.

**Category – 2:** Students who have acquired **NSQF** certification Level 4 but may like to change their trade and may enter into Competency Skill Curriculum in a different industry sector.

**Category – 3:** Students passed 10+2 examinations with conventional schooling without any background of vocational training.

The institutions should provide additional study curriculum and arrange for skill intensive training / teaching for the learners belonging to the category-2 and 3 during the first six months for which they shall be at NSQF Level 4 of skill competency by the concerned SSC at the end of first semester. Learners belonging to category-1 need not undergo any additional intensive training and teaching as they already have NSQF level 4 certificates in the same industry sector / job role required for specified skill credits.

From second semester onwards they will follow the common programme for further course of study. Students may exit after six months with a Certificate (NSQF Level 4) or may continue for diploma or advanced diploma level courses. An academic progression for the students in skilling stream is illustrated below:

The courses under NSQF shall also provide for vertical mobility to the students with vocational subjects at school level. The Universities shall enable horizontal & vertical mobility to the students of vocational stream at 10+2 level in various courses at undergraduate level. The course will have two exit points: **6 months (certificate course) and 12 months (Diploma Course)**

- After successful completion of 6 months, the student would have completed *Certificate course in Interior and Exterior Space Designing*
- After an internship of 1 month with an industry, or training in collaborating Institutes along with general education components like Soft skill training, Communicative English etc. she would be earning the *Diploma course certificate as an Interior and Exterior Space Designer*.

#### **4.7. CUMULATIVE CREDITS AWARDED TO THE LEARNERS IN SKILL BASED VOCATIONAL COURSE OF INTERIOR AND EXTERIOR SPACE DESIGNING:**

NSQF Level*	Skill Component Credits	General Education Component Credit	Total Credits for Award	Normal Calendar Duration	Exit points/ Awards
4	18	12	30	One semester (6 months)	Certificate
5	36	24	60	Two semesters (1 year)	Diploma

*\*The course is aligned to the qualification pack for the role of an Interior Designer and Decorator; NSQF level 4 and 5 and syllabus has been divided into units corresponding to each NOS (National Occupational Standards)*

#### **4.8. ASSESSMENT**

The Skill component of the course will be generally assessed by the respective Sector Skill Councils. In case, there is no Sector Skill Council for a specific trade, the assessment may be done by an allied Sector Council or the Industry partner. Further if Sector Skill Council in concerned / relevant trade has no approved QP which can be mapped progressively or due to any other reason, if the SSC expresses its inability to conduct the assessment or cannot conduct the skill assessment in stipulated time frames as per academic calendar, the institutions may conduct skill assessment through a Skill Assessment Board by '*Certified Assessors*' as per the provisions enumerated in MHRD Skill Assessment Matrix for Vocational Advancement of Youth (SAMVAY).

The Skill Assessment Board may have Vice-Chancellor/ Principal/ Director/ Nodal officer/ Coordinator of the programme/ Centre, representatives of the partner industry(s), one nominee of the Controller of Examination or his/her Nominee of affiliating University/ Autonomous College and at least one external expert. The affiliating university may nominate additional experts on the Skill Assessment Board, if required.

- The certifying bodies may comply with / obtain accreditation from the National Accreditation Board for Certification Bodies (NABCB) set up under Quality Council of India (QCI). Wherever the university/college may deem fit, it may issue a joint certificate for the course(s) with the respective Sector Skill Council(s).
- The General Education Component will be assessed by the concerned university as per the prevailing standards and procedures. General Education credit refers to a unit by which the course work is measured. It determines the number of hours of instructions required per week.
- **One credit** is equivalent to **one hour** of teaching (lecture or tutorial) and practical work/ field work per week. Accordingly, **one Credit** would mean the equivalent of **18 periods of 60 minutes** each and **36 hours** of workshops/ internship. For internship / field work, the credit weightage for equivalent hours shall be 50% of that for lectures / tutorials.
- The institutions offering B. Voc. degree programmes should adopt and integrate the guidelines and recommendations of the respective Sector Skill Councils (SSCs) for the assessment and evaluation of the vocational component, wherever available.

#### **4.9. CERTIFICATION OF AWARDS**

- Award of Certificate / Diploma / Advanced Diploma / B.Voc. and other degrees as the case may be, would depend on acquisition of requisite credits and not on the duration of the calendar time spent in pursuing the course.
- The certificate for skill component would be awarded by the Sector Skill Council in terms of **NSQF** level either singly or jointly with the institution concerned and the general education grades will be certified along with the skill component in terms of certificate/ diploma awarded by the institution.
- UGC guidelines on Choice Based Credit System (CBCS) may be referred for further illustration on computation of SGPA, CGPA etc. to confer the awards as above.
- The students will have the option to exit with a Certificate, Diploma or Advanced Diploma after acquiring requisite no of credits. In case of affiliated colleges, such students may be awarded Certificate, Diploma or Advanced Diploma, as the case may be by the concerned College after a written authorization by the affiliating University.

#### **4.10. ROLE OF INSTITUTION /COLLEGE**

The institution / college concerned may itself award Diploma / Certificates under its own seal and signature after written authorization from affiliating University; name of the affiliating university and scheme should be mentioned on the award certificate.

#### 4.11. CAREER OPPORTUNITIES:

The Diploma holders in ‘Interior and Exterior Space Designing’ can avail themselves of the following job opportunities broadly:

- Instructor in training institutes, Interior Designers, Interior Decorators, Interior Design Consultants, Colour consultant, Home Product Analysts, Columnists in Design Journals, Draughtsmen, Floral and Handicraft Designers, Florists, Entrepreneurs in related disciplines.

**Job Roles: Proposed to be covered in each semester (Along with NSQF level #)**

Semester	NSQF LEVEL #
Semester I	<p>at Level 4 Code: 3432.0200 - Decorator 2163.0400 - Furniture Designer</p> <p>Interior and Event Decorators Colour consultant. Craft Teachers Accessories Collector Assistant for Interior Designers Trainer in Interior Design Institute Home Product Analysts Draughtsperson Florists Floor managers in Build Expo and showrooms</p>
Semester II	<p>at Level 5 Code: 3432.0100 - Interior Designer</p> <p>Interior Design Consultants. Floral and Handicraft Designers. Instructor in Training institutes Event Planners and Managers Counsellors in Design Institute Customer support executive at Design Studio Floor manager in building material showrooms Boutique manager Interior and Exterior Designers Interior design Photojournalists and Vloggers Columnists in Design Journals Entrepreneurs. Landscape designer</p>

# Reference NCO-2015: a) 3432.0200 - Decorator b) 2163.0400 - Furniture Designer  
c) 3432.0100 - Interior Designer

## 5. PROGRAMME DESIGN

The Diploma in '**Interior and Exterior Space Designing**' must include (a) General education component including English Language (b) Skill Component, both Theory and Practical (c) Training, Internship and / or Project work. Total credits should be **60**. The working hours per week is **30** hours. No open course is envisaged. The number of courses for the programme contain **6** General Education components, **8** Skill components including 1 month of compulsory internship.

The General education components will be assessed by the concerned university as per the prevailing standards and procedures. General Education credit refers to a unit by which the course work is measured. It determines the number of hours of instructions required per week. **One credit** is equivalent to **1 (one)** hour of teaching (lecture or tutorial) or **1 (one)** hour of practical work / field work per week. Accordingly, **one Credit** would mean an equivalent of **18** periods of **60** minutes each or **36** hours of internship / training.

## 6. COURSE CODE FORMAT

The programme is coded according to the following criteria. The first character indicates the discipline, second character indicates the programme, third for semester, fourth for course category, next characters for serial no of the course, sixth character specifies the type of course, seventh specifies the degree and eighth indicates the year of implementation. **E.g.: VID1G01D23, VID1SP01D23**

<b>V</b>	Vocational Studies
<b>ID</b>	Interior and Exterior Space Designing
<b>1</b>	Semester
<b>G / SP /SI</b>	General Education Component(G)/ Skill Practical (SP)/ Skill Internship (SI)
<b>01</b>	Serial number of the course
<b>D/ B / M</b>	Diploma / Bachelor's / Master's
<b>23</b>	Year of implementation

### 6.1. DURATION OF THE PROGRAMME:

Duration of Diploma in **Interior and Exterior Space Designing** is **2** semesters which is distributed over a period of one academic year. Each semester shall have **90** working days inclusive of all examinations. Students having a minimum of **75%** average attendance for all the courses only, can register for the examination.

## 7. STRUCTURE OF DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING

The programme shall include General education components and Skill components. The programme also includes assignment / seminar / projects / internship / field placement etc. The total credit for the programme is fixed at **60**.

- **THEORY COURSES**

There are **6** general courses distributed in the first and second semester as **3** each per semester.

- **PRACTICAL COURSES**

There are **7** practical courses which are under skill components and these skill components are distributed in the first and second semester having laboratory practical activity. The practical examinations will be conducted by an external and internal examiner appointed by the controller of examinations at the end of each semester. The students are required to maintain a record of all the articles mentioned in the syllabus in prescribed size and scale. The record has to be certified from the concerned faculty of the institution. The students have to present the record for attending the practical examination with viva voce.

- **INTERNSHIP**

The students are required to undergo **1** internship for a period of one month in the semester 2 having 3 credits, in an Interior design firm / architect's office / furniture or building material showroom/ in a software training institute under the guidance of a practising designer / instructor for gaining practical experience in the field.

## **8. SCHEME OF THE PROGRAMME**

NSQF level	Skill Component Credits	General Component Credits	Total	Normal calendar duration	Awards
4	18	12	30	One Semester (6 months)	Certificate
5	20	10	30	Two Semester (12 months)	Diploma

### SEMESTER I

COURSE NO:	COURSE TITLE	SKILL COMPONENT / GENERAL EDUCATION COMPONENT	THEORY/ PRACTICAL	CREDITS	TOTAL NUMBER OF HOURS
1	English For Communication-I	General Education Component	Theory	5	90
2	Office Management IT Skills, and Bookkeeping	General Education Component	Theory	4	72
3	Entrepreneurship Development	General Education	Theory	3	54

		Component			
	<b>TOTAL CREDITS</b>			<b>12</b>	
4	Basics of Design (Practical)	Skill Component	Skill Practical	5	90
5	Fine Arts and Crafts (Practical)	Skill Component	Skill Practical	5	90
6	Basics of Technical Drawing (Practical)	Skill Component	Skill Practical	5	90
7	CAD Training (Practical)	Skill Component	Skill Practical	3	Talentfly Institution
	<b>TOTAL CREDITS</b>			<b>18</b>	
<b>TOTAL CREDITS (General Education Component + Skill Component)</b>				<b>30</b>	

SEMESTER II					
COURSE NO:	COURSE TITLE	SKILL COMPONENT / GENERAL EDUCATION COMPONENT	THEORY/ PRACTICAL	CREDITS	TOTAL NUMBER OF HOURS
8	English For Communication- II	General Education Component	Theory	4	72
9	Design in Everyday Life	General Education Component	Theory	3	54
10	Exterior Space Designing	General Education Component	Theory	3	54

	TOTAL CREDITS			10	
11	Advanced Design Skills (Practical)	Skill Component	Skill Practical	6	108
12	Technical Drawing Practice (Practical)	Skill Component	Skill Practical	5	90
13	Presentation Skills Using Software (Practical)	Skill Component	Skill Practical	6	108
14	Internship / Project (One month) **	Skill Component	Internship	3	with Interior Design firms
TOTAL CREDITS				20	
TOTAL CREDITS (General Education Component + Skill Component)				30	
TOTAL CREDITS FOR SEMESTER I AND II				60	

## 9. DISTRIBUTION OF COURSES AND CREDITS

The total credit for the programme is fixed at **60**. The distribution of credit points in each semester and allocation of the number of credits for skill components, general education components and internship and viva are as follows.

SEMESTER	TITLE OF THE COURSE	COURSE DESCRIPTION	COURSE CODE	CREDIT & HOURS				TOTAL MARKS	
				SKILL	GENERAL	ISA	ESA		
	English For Communication- I	General Education Component	VID1G01D23	-	-	5	5	40	60
	<b>Office Management - IT Skills and Bookkeeping</b>	<b>General Education Component</b>	<b>VID1G02D23</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>4</b>	<b>40</b>	<b>60</b>

<b>I</b>	<b>Entrepreneurship Development</b>	<b>General Education Component</b>	<b>VID1G03D23</b>	-	-	3	3	40	60
	<b>Basics of Design (Practical)</b>	<b>Skill Component</b>	<b>VID1SP01D23</b>	5	5	-	-	40	60
	<b>Fine Arts and Crafts (Practical)</b>	<b>Skill Component</b>	<b>VID1SP02D23</b>	5	5			40	60
	<b>Basics of Technical Drawing (Practical)</b>	<b>Skill Component</b>	<b>VID1SP03D23</b>	5	5	-	-	40	60
	<b>CAD Training / Practical</b>	<b>Skill Component</b>	<b>VID1SP04D23</b>	3	3			40	60
	<b>TOTAL CREDITS (SEMESTER I)</b>				<b>12 + 18 = 30</b>				

SEMESTER	TITLE OF THE COURSE	COURSE DESCRIPTION	COURSE CODE	CREDIT & HOURS				TOTAL MARKS	
				SKILL	GENERAL	ISA	ESA		
<b>II</b>	English For Communication- II	General Education Component	VID2G04D23	-	-	4	4	40	60
	Design in Everyday Life	General Education Component	VID2G05D23	-	-	3	3	40	60
	Exterior Space Designing	General Education Component	VID2G06D23	-	-	3	3	40	60
	Advanced Design skills (Practical)	Skill Component	VID2SP05D23	6	6	-	-	40	60

Technical Drawing Practice (Practical)	Skill Component	VID2SP06D23	5	5	-	-	40	60
Presentation Skills Using Software (Practical)	Skill Component	VID2SP07D23	6	6	-	-	40	60
Internship / Project (One month)	Skill Component	VID2SI01D23	3	-			40	60
TOTAL CREDITS (SEMESTER II)			10 + 20 = 30					
TOTAL CREDITS (SEMESTER I + II)			30 + 30 = 60					

## 10. EXAMINATIONS

The College shall conduct the external theory examination of all semesters at the end of each semester. Internal evaluation is to be done by continuous assessment.

Examinations have two parts: Internal or In-Semester Assessment (ISA) & External or End– Semester Assessment (ESA). The ratio between ISA and ESA shall be **2:3**. Both internal and external marks are to be rounded to the next integer.

### 10.1. MARKS DISTRIBUTION FOR EXTERNAL EXAMINATION AND INTERNAL EVALUATION

Marks distribution for external and internal assessments and the components for internal evaluation with their marks are shown below:

**For all Courses both Theory and Practical**

**A) External examination : 60 marks**

**B) Internal evaluation : 40 marks**

**Components of the Internal and External Evaluation of theory and practical courses and the marks are as below:**

**A1) Internal assessment components for all Theory Courses without Practical**

Internal assessment components - Theory	Marks
Assignment	10
Field Visit/ Seminar/ Viva	10
ISA	20
Total	40

## A2) Internal assessment components for all Practical Courses

Internal Assessment Components	Marks
Record *	25
Lab involvement / Practical Sessions	15
Total	40

*\*Marks awarded for Record should be related to the number of work recorded and / or articles submitted.*

### A 3) For Internship # :

**a. Marks of External assessment : 60**

**b. Marks of Internal assessment : 40**

*(# Bona fide reports of the project work or Industrial Visit conducted shall be submitted at the time of examination )*

Components of Internal Evaluation of Internship	Marks
Attendance	10
Punctuality	5
Field Involvement	25
Total	40

Components of External Evaluation of Internship Report	Marks
Demonstration and Presentation	30
Viva Voce	10
Internship Report	20
Total	60

Percentage Attendance (%)	Marks
90 and above	5
85 to below 90	4
80 to below 85	3
75 to below 80	2
Below 75	0

## 10.2. INTERNAL ASSESSMENT TEST PAPERS.

One internal test paper is to be attended in each semester for each paper. The evaluations of all components are to be published and are to be acknowledged by the Candidates. All documents of internal assessments are to be kept in the college for two years. The responsibility of evaluating the internal assessment is vested on the teacher(s) who handles the course.

## 10.3. END-SEMESTER ASSESSMENT:

The College shall conduct the End-Semester examination of all courses on the close of each semester. For reappearance/ improvement, students can appear along with the next batch.

### ● Components of External Evaluation of Skill Practical Courses

Components of External Evaluation of Skill Practical Courses	Marks
Practical Exam	40
Record	15
Viva Voce	5
<b>Total</b>	<b>60</b>

## 10.4. PATTERN OF QUESTION PAPERS FOR ESA (THEORY)

A question paper shall be a judicious mix of short answer type, short essay type/ problem solving type and long essay type questions. For each course the End-semester Assessment is of 3 hours duration.

The question paper has 4 parts. Part A contains 20 questions which include Multiple Choice Questions, Match the following, True or False, and one-word questions where all 20 questions have to be answered. Part B contains 7 short answer questions of which 5 are to be answered. Part C has 6 Short questions of which 4 are to be answered. Part D has 2 long essay questions of which 1 to be answered.

Part	No. of Questions	No. of questions to be answered	Marks (for courses without practical) (Max. 60)
A (Objective Type)	20	20	20 X 1 =20
B. (Short Answer type)	7	5	5 x 2 = 10
C. (Short Essay)	6	4	4 x 5 = 20
D. (Long Essay)	2	1	1 x 10 = 10

### 10.5. PRACTICAL EXAMINATIONS

The practical examinations are to be conducted at the end of every semester by the institution. The institution shall select the external examiner.

The students are required to maintain a record of all the articles mentioned in the syllabus in prescribed size and scale. The record has to be certified from the concerned faculty of the institution. The students have to present the record for attending the practical examination.

### 10. 6. INDUSTRIAL INTERNSHIP

An internship in digital marketing at a collaborative firm for a duration of 4 weeks to be completed. A report of internship to be submitted for viva voce at the end of internship.

### 10.7. GRADE

A 7-point scale based on the total percentage of marks (ISA + ESA) for all courses (theory, practical, internship / project)

% of marks	Grade	Grade point
95 and above	S - Outstanding	10
85 to below 95	A <sup>+</sup> - Excellent	9
75 to below 85	A - Very good	8
65 to below 75	B <sup>+</sup> - Good	7
55 to below 65	B - Above average	6
45 to below 55	C - Satisfactory	5
35 to below 45	D - Pass	4
below 35	F - Failure	0
	Ab - Absent	0

- The student obtaining Grade F and Ab shall be considered failed and she will be required to reappear in the examination

### 10.8. PASS CRITERIA:

- A separate minimum of **30%** marks each for internal and external (for both theory and practical) and aggregate minimum of **35%** for a pass in a Course.
- For a pass in a Programme, a **separate minimum of Grade D** is required for all the individual courses.
- If a candidate secures **F** Grade for any of the courses in a Semester/ Programme, only **F** grade will be awarded for that Semester/ Programme until she improves this to **D** Grade or above within the permitted period.
- Students who complete the Programme with **D** grade will have one betterment chance within **12** months, immediately after the publication of the result of the whole programme.

## 10.9. CREDIT POINT AND CREDIT POINT AVERAGE

- **Credit Point (CP) of a course is calculated:**

$$CP = C \times GP$$

C = Credit; GP = Grade point.

- **Credit Point Average (CPA)**

CPA of different courses are calculated:

$$CPA = CP / C$$

CP = Total Credit Point of a Course

C = Total Credit of that Course

- **Semester Credit Point Average (SCPA) of a semester:**

$$SCPA = TCP / TC$$

TCP = Total Credit Point of that Semester

TC = Total Credit of that Semester

- **Cumulative Credit Point Average (CCPA) is calculated:**

$$CCPA = \frac{TCP_1 + TCP_2}{TC_1 + TC_2}$$

TCP = Total Credit Point of that Programme

TCP<sub>1</sub>, TCP<sub>2</sub> = Total credit points of Semester 1 and Semester 2

TC = Total Credit of that Programme

TC<sub>1</sub> and TC<sub>2</sub> - Total Credit of Semester 1 and Semester 2

**Grades for the different courses, semesters and overall programme are given based on the corresponding CPA:**

CPA	Grade
9.5 and above	S - Outstanding
8.5 to below 9.5	A - Excellent
7.5 to below 8.5	A - Very good
6.5 to below 7.5	B+ - Good
5.5 to below 6.5	B - Above average
4.5 to below 5.5	C - Satisfactory
3.5 to below 4.5	D - Pass
below 3.5	F - Failure

- Notionally registered candidates can also apply for the said supplementary examinations.
- A student who registers her name for the external exam for a semester will be eligible for promotion to the next semester.
- A student who has completed the entire curriculum requirement, but could not register for the Semester examination can register notionally, for getting eligibility for promotion to the next semester.
- A candidate who has not secured minimum marks/ credits in external examinations can redo the same, registering along with the End Semester Assessment for the same semester, subsequently.
- There shall be no improvement for internal evaluation

**SYLLABUS AND MODEL QUESTION PAPER FOR SEMESTER I  
COURSES**

## **SEMESTER I**

### **GENERAL COURSE I**

#### **COURSE TITLE: ENGLISH FOR COMMUNICATION- I**

**Course Code : VID1G01D23**

**Credits : 5 credits**

**Total Lecture Hours : 5 hours /week - 90 Hrs**

#### **Course Outcomes:**

**CO1:** Understand and use basic English vocabulary and phrases in daily conversation.

**CO2:** Write Paragraph

**CO3:** Read and comprehend texts

**CO4:** Engage in conversations in English

#### **Syllabus Content:**

##### **Module 1: Enhancing vocabulary**

**20 hours**

The Importance of Using Proper Vocabulary when Speaking, Writing, Reading and Listening - Synonyms, antonyms, idioms, phrases, neologisms, plural formation, affixes. Technical words necessary for the course.

##### **Module 2: How to Listen Effectively**

**15 hours**

Active listening—listening for comprehension- Practice listening to short paragraphs and identifying the main Idea of the passage - Dicto gloss - The teacher reads a short, text several times and the learners try to produce their own version as close to the original as possible—Note taking

##### **Module 3: Developing Writing Skills**

**25 hours**

Sentence structure - Subject- verb agreement—punctuation—Paragraph writing— developing an idea — topic sentence — introductions and conclusions — choosing the right title

##### **Module 4: Speaking Skills**

**30 hours**

Accurate pronunciation, phonetic script - stress and intonation patterns in English- Role play activities to communicate- asking for directions - ordering food - initiating a conversation - telephone etiquette

#### **References:**

1. Nesfield J.C., English Grammar Composition & Usage (English). Revised & updated edition, Macmillan Publishers.
  2. Wren and Martin, High School English Grammar and Composition, revised by N.D.V. Prasada Rao, S. Chand Publications, New Delhi.
  3. Lana I., (2014) Learning Vocabulary, Singapore Asia Publishers Ltd., Singapore.
  4. Suganthi N., (2002). English Grammar Workbook, Surya books Pvt. Ltd., Chennai. ISBN: 81-7478-136-6.
  5. Keerthi C. (1999) Comprehension Success, Frank Educational Aids Publishers.
-

**BLUEPRINT**  
**VID1G01D23: ENGLISH FOR COMMUNICATION- I**

<b>Module</b>	<b>Hours</b>	<b>Part A (1 mark) 20/20</b>	<b>Part B (2mark) 5/7</b>	<b>Part C (5 mark) 4/6</b>	<b>Part D (10 mark) 1/2</b>
<b>1</b>	20	5	1	1	0
<b>2</b>	15	5	2	1	0
<b>3</b>	25	5	2	2	1
<b>4</b>	30	5	2	2	1

**MODEL QUESTION PAPER**  
**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM**  
**DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING**  
**FIRST SEMESTER**  
**VID1G01D23-ENGLISH FOR COMMUNICATION-I**

**Time: 3 Hours Maximum: 60 Marks**

---

**PART A**

**I. Choose the correct answer from the bracket.**

1. Find the appropriate noun suffix for the given words ('ant', 'or', 'age', 'ee')  
(Edit, Pay, Account, Drain)
2. Which of the following is the right synonym for the word "Ephemeral?"  
(Lasting, Eternal, Durable, Momentary)
3. The synonym for 'disgrace' is.....  
(Exertion, Alacrity, Ignominy, Opaque)

**Read the following passage carefully and answer questions 4 and 5.**

A large number of people enjoy reading murder mysteries regularly. As a rule, these people are not themselves murderers, nor would these people really ever enjoy seeing someone commit an actual murder, nor would most of them actually enjoy trying to solve an actual murder. They probably enjoy reading mysteries because of this reason: they have found a way to escape from the monotonous, boring routine of dull everyday existence.

4. Which of the following propositions is true?
  - a) Some people read murder mysteries occasionally.
  - b) Only people who never commit murder, like to read murder mysteries.
  - c) A large number of people find everyday routine dull, boring and monotonous.
  - d) A large number of people will never see someone committing murder.
5. Which of the following statements best simplifies the above passage and yet conveys its entire meaning?
  - a) Many people who have not committed, seen, or solved a murder, or felt any desire to do any of the above, still like to read murder mysteries in order to escape the monotony of everyday life.
  - b) Many people who have not committed, seen, or solved a murder and they probably enjoy reading murder mysteries because of this reason: It gives them a way to escape from the monotonous, boring routine of dull everyday existence.
  - c) Many people who have never been involved with a murder, like to read murder mysteries. This is because they like to escape the monotony of everyday life.
  - d) Many people who have not committed, seen, or solved a murder, like to read murder mysteries

**II. Match the following**

6. Seventy years	Are	To pay the fine.
7. The children	Is	Decided to organize a strike.
8. Either Ram or his friends	Has	Happy
9. The minister along with the party workers	Have	Not a short time period.
10. Smitha	Is	A kind woman.

**III. Answer the following statement as True or False:**

11. Concord of Proximity refers to the principle that the verb should agree with the nearby noun rather than a distant noun in the sentence.
12. Active listeners can't provide constructive feedback.
13. The purpose of punctuation in writing is to clarify and enhance the meaning of a text.
14. Dictogloss is primarily used to teach pronunciation.
15. Dictogloss fosters critical thinking as students must analyze and synthesize information.

**IV. Fill in the blanks with suitable articles.**

- 16.(a) We visited Hampi on \_\_\_\_\_ last day of our tour.
- (b) He is not \_\_\_\_\_ honourable man.

**Use the correct question tag:**

17. Everyone was happy, \_\_\_\_\_?
18. Let us go for a movie, \_\_\_\_\_?

**Fill up the following using rules of concord.**

19. If I \_\_\_\_\_ a billionaire, I would build a palatial house.
20. The jury \_\_\_\_\_ divided in their opinion.

(20 X 1=20 marks)

**Part B**

**Answer any five of the following questions in one or two sentences. Each question carries 2 marks**

21. What is active listening? Mention any two tips for active listening.
22. Distinguish between active and passive vocabulary.
23. List out any two telephone manners.
24. What is a prefix? Give examples for all kinds of negative prefixes using them in words.
25. Use the following expressions in sentences of your own.
  - (a) To train cats and dogs.
  - (b) A chip of the old block.
  - (c) Foot the bill

- (d) On cloud nine
26. What are the benefits of using role play in language learning?
  27. What is affixation in linguistics, and what is its primary function?
  28. Give a couple of polite expressions to conclude a telephone conversation.

(2 X 5=10 marks)

### **Part C**

**Answer any four of the following questions in half a page. Each question carries 5 marks**

29. How do monophthongs differ from diphthongs?
30. What is word stress? How does word stress impact the rhythm and flow of speech?
31. Write a short note on Intonation.
32. What are neologisms? And how do they impact language learning in the digital age?
33. Frame a telephone conversation between you and an intimate friend of yours about your career interests.
34. Why is note-taking important?

(4 X 5=20 marks)

### **Part D**

**Answer any one of the given questions. The question carries 10 marks**

35. Write an essay on the classification of speech sounds in IPA.
36. How does the use of proper vocabulary enhance effective communication in everyday life?

(1 X 10=10 marks)

**SEMESTER I**

**GENERAL COURSE II**

**COURSE TITLE: OFFICE MANAGEMENT- IT SKILLS AND BOOKKEEPING**

**Course Code:VID1G02D23**

**Credits: 4**

**Total Lecture Hours: 4 hours /week - 72 Hours**

**Course Outcomes:**

**CO1:** Explain the concept of Office management.

**CO2:** Apply the principles of accounting

**CO3:** Design documents and powerpoint presentations using Microsoft office tools

**CO4:** Describe the basics of internet usage and sending and receiving emails

**CO5:** Develop skill on maintaining office records and accounts

**Syllabus Content:**

**Module 1: Introduction to Office Management**

**(14 hours)**

Meaning and functions of Office and Office Management– Modern office functions– Office environment– Record maintenance– Office correspondence– Office Stationery and supplies– Role of Supervisors

**Module 2: Accounting**

**(14 hours)**

Basic principles of accounting, assets, liabilities, cost accounting, material management, stock checking

**Module 3: Computer Skill**

**(18 hours)**

Introduction to computers: Characteristics, Components, Classifications, Introduction to Windows: Managing Files and Directories, MS Word Processing: Opening and Closing Documents, Text Creation and Manipulation, Formatting the Text, Table Creation.

MS Spreadsheet: Elements of a Spreadsheet, Cell Manipulation, Formulas, MS Powerpoint: Creating a Slide-Title, Text, Font, Bullets and Intent, Slide Design, Slide Animation and Slide Show.

Computer Communication and Internet: Introduction to Communication, Internet – Basics, Application, Services : WWW, Websites, E-mail, Web Browsers, Surfing the Internet

**Module 4 : Maintain Records**

**(12 hours)**

Introduction – need, objectives, kind of records Organization of records department, Classifying and indexing of records and files Principles-retention and disposition of record . Legal aspects of office records.

**Module 5: Related Experiences**

**(14 hours)**

- Planning and scheduling of office work Preparation of income and expenditure account
- MS Word, MS excel, PowerPoint creation
- Visit to a MRD department

**References:**

- Chopra & Chopra, *Office Management* - Himalaya Publications
- James, A.F Stoner et.al, *Management*
- Krishna Murthy- S - Office Management - Chand publications

- Mahajan, J.P. , *Fundamentals of Office Management*
- Prasad, L.M. , *Principles and Practices of Management*
- Sharma & Gupta , *Organization & Management* - Kalyani Publications
- C.S. French, "Data Processing and Information Technology", BPB Publications 1998
- P.K Sinha, `Computer Fundamentals`, BPB Publications, 1992

---

**BLUEPRINT**

**VID1G02D23: OFFICE MANAGEMENT- IT SKILLS AND BOOKKEEPING**

<b>Module</b>	<b>Hours</b>	<b>Part A (1 mark) 20/20</b>	<b>Part B (2mark) 5/7</b>	<b>Part C (5 mark) 4/6</b>	<b>Part D (10 mark) 1/2</b>
<b>1</b>	20	5	1	1	0
<b>2</b>	15	5	2	1	0
<b>3</b>	25	5	2	2	1
<b>4</b>	30	5	2	2	1

**MODEL QUESTION PAPER**  
**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM**  
**DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING**  
**FIRST SEMESTER**  
**VID1G02D23: OFFICE MANAGEMENT- IT SKILLS AND BOOKKEEPING**

**Time: 3 Hours Maximum: 60 Marks**

---

**PART A**

Answer *all* the questions in this part. Each question carries *one* mark

**I. Choose the correct answer from the bracket**

1. Which of the following is not an output device?  
(Printer, Speaker, Monitor, Joystick)
2. Which one of the following is not a management function?  
(Storing, Planning, Staffing, Organizing)
3. Which of the following account is a Personal Account  
(Cash account, wages account, Mohan's Account, Rent account)
4. Full form of OCR  
(Optical character reader, Optical calculator reader,  
Optical Calculated reader, Optical computer reader)
5. E-mail was invented in the year  
(1982, 1974, 1972, 1984)

(1 x 5 = 5 marks)

**II. Match the following questions**

6. Memorandum	a. Points out
7. Index	b. Information Highway
8. Printer	c. Book of Prime Entry
9. Internet	d. Output device
10. Journal	e. To remember

(1 x 5 = 5 marks)

**III. Answer the Following statements as True or False**

11. Office is the administrative centre of business
12. The input devices are used to get response from the computer
13. Accounts representing persons are called personal accounts.
14. Communication within an organization is called internal correspondence.
15. Each customer is allocated a number in subject wise classification

(1 x 5 = 5 marks)

**IV. Answer the following questions in one word**

16. The front office is also known as \_\_\_\_\_
17. The process of planning and controlling material flows is known as \_\_\_\_\_
18. Name the person who invented Email.

19. The set of rules that govern the data communication is called \_\_\_\_\_  
20. The type of office that does not have contact with the outside world.

(1 x 5 = 5 marks)

**PART B**

**Very Short Answer. Answer any *five* questions. Each question carries *two* marks.**

21. Define "Office".  
22. State any components of the office environment.  
23. What are the types of filing?  
24. What is a computer?  
25. State any two objectives of accounting.  
26. What are the records?  
27. What is the Internet?

(2 x 5 = 10 marks)

**PART C**

**Short Essay. Answer any *four* questions. Each question carries *five* marks.**

28. Classify the following as Personal, real or nominal account  
(a) Cash A/c (b) Goodwill A/c (c) Purchase of Building (d) Rent Paid (e) Capital A/c  
29. What are the principles of Record keeping?  
30. state any five importance of office.  
31. State any five applications of the Internet  
32. Define the following terms  
(a) Assets (b) Liabilities (c) Drawings (d) Capital (e) Journal  
33. What are the roles of supervisors in an organization?

( 5 x 4 = 20 marks)

**PART D**

**Essay Question. Answer any *one* question carrying *Ten* marks.**

34. What are the components of a computer?  
35. What are the functions of an office?

( 10 x 1 = 10 marks)

\*\*\*\*\*

**SEMESTER I**

**GENERAL COURSE III**

**COURSE TITLE : ENTREPRENEURSHIP DEVELOPMENT**

**Course code: VID1G03D23**

**Credits : 3**

**Total Lecture Hours : 3 hours /week - 54 Hrs**

**Course Outcomes:**

**CO1:** Understand the concepts relating to entrepreneurship.

**CO2:** Administer the steps in project identification

**CO3:** Apply the aspects of project formulation

**CO4:** Discuss the programmes for entrepreneurial support

**Syllabus Content:**

**Module 1 - Introduction to Entrepreneurship**

**(15 Hours)**

Meaning-Characteristics of an entrepreneur-Functions of an Entrepreneur, Classification of entrepreneurs-Digital Entrepreneurship-Social Entrepreneurship and Women Entrepreneurship-Problems faced by Women Entrepreneurs

**Module 2- Project Identification**

**(14 Hours)**

Project- Meaning- Types- Project Management- Project life Cycle- Project identification- Sources of Project Idea-Sources of Business idea.

**Module 3 - Project Formulation and Report**

**(10 Hours)**

Formulation of a project- Stages in project formulation- preparation of a project report- contents of project report

**Module 4 - Entrepreneurial Support**

**(15 Hours)**

Entrepreneurial Education and training-Entrepreneurship Development Programmes-The Concept, Role and Functions of Business Incubators- Start-Ups- Cluster Development Schemes- Industrial Estates-Green Channel clearances - Bridge Capital- Seed Capital Assistance

**References:**

- Akhouri, M.M.P. (1990). Entrepreneurship for women in India, New Delhi, NIESBUD
  - Bhatt, E.R. (1979). Economic Status of Self-Employed Women in the Garment Industry, Gandhi Majdoor Sevalaya, Ahmedabad
  - Gupta, C.B., Nair, R.N., 20(04). Marketing Management, Sultan Chand and Sons, Delhi
  - Holt, D.H , (1991). Entrepreneurship New Venture Creation. Prentice Hall Publishing. New Delhi.
  - Jain, D., (1980). Women's Employment, Possibilities of Relevant Research Institute of Social Studies,
  - Kathiresan. S, Radha V., (2004). Marketing, Prasanna Publishers, Chennai.
  - M. M. Abraham, Entrepreneurship Development & Project Management, Prakash Publications
  - Nair Rajan & Nair Sanjith R., (2003). Marketing, Sultan Chand and Sons, Delhi
  - Nayak, J. Pinto, T. and Costa, S. (1980). Towards Self-reliance, Income Generation for Women, ISI Programme of Women's Development
  - Paul, J: Kumar, N.J. and Mampilly, Paul J., (1996). Entrepreneurship development, Himalaya Publishing House, Mumbai
  - Young, Trevor L., (1998). Planning Project, Sterling Publishers Pvt. Ltd., New Delhi
-

**BLUE PRINT**  
**VID1G03D23: ENTREPRENEURSHIP DEVELOPMENT**

Modules	Hours	PART A (Short answer) 1 marks 20/20	PART B (Short essay) 2 marks 5/7	PART C (Essay) 5 marks 4/6	PART D (Essay) 10 marks 1/2
<b>1</b>	15	5	2	3	1
<b>2</b>	14	5	2	1	0
<b>3</b>	10	5	1	1	1
<b>4</b>	15	5	2	1	0

**MODEL QUESTION PAPER**  
**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM**  
**DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING**  
**FIRST SEMESTER**  
**VID1G03D23 -ENTREPRENEURSHIP DEVELOPMENT**

**Time: 3 Hours Maximum: 60 Marks**

**PART A. Answer all questions Each question carries 1 mark.**

**I. Choose the correct answer from the bracket.**

1. The person who organizes and operates a business for making profit.  
(Manager, Entrepreneur, Employees, Intrapreneur)
2. Which of the following is not a characteristic of an entrepreneur?  
(Hard Work, Optimism, Risk Bearing, Laziness)
3. The second stage of Project Life Cycle.  
(Initiation, Planning, Execution, Definition)
4. Which of the following is not included in Arthur H. Cole's classification entrepreneurs.  
(Empirical, Fabian, Rational, Cognitive)
5. The first stage in Project Formulation.  
(Input Analysis, Feasibility Analysis, Financial Analysis, Project Appraisal)

**II. Match the following**

6. French word "Entreprendre"	a) Initial capital
7. Entrepreneur	b) to expedite Clearance
8. Seed Capital	c) to Undertake
9. Green Channel	d) New methods
10. Innovation	e) Owner of business

**III. Answer the following statement as True or False**

11. An Entrepreneur does not bear any risk.
12. A project life cycle is sequence of activities of a project
13. An entrepreneur is his own boss
14. There are four stages in the project life cycle.
15. The project report should not mention the demerits of the project

**IV. Write the following answer in one word**

16. The entrepreneur who applies innovation and creativity to solve social problems.
17. The process or act of being an entrepreneur.
18. The person who introduced the term Entrepreneur to business for the first time.
19. The fourth stage in the project life cycle.
20. The entrepreneurs who are lazy and shy.

(20 X 1=20 marks)

**PART B. Answer any 5 Questions each carries 2 Marks.**

21. What are the functions of Business Incubators?
22. Who is an entrepreneur?
23. What is a project report?
24. Define a "Project".
25. Who is a woman entrepreneur?
26. What is the bridge capital?
27. State any two sources of business ideas?

(5 X 2=10 marks)

**PART C. Answer any 4 questions each question carry 5 marks**

28. Briefly explain any five characteristics of an entrepreneur.
29. What are the problems faced by women entrepreneurs?
30. Explain the five stages of the project life cycle.
31. Describe the stages in Project Formulation?
32. What are industrial estates?
33. What are the functions of an entrepreneur?

(4 X 5=20 marks)

**PART D. Answer any 1 question. It carries 10 marks.**

34. Explain the types of Entrepreneurs.
35. What is a project report? What are the contents of a project report?

(1 X 10=10 marks)

\*\*\*\*\*

**SEMESTER I**  
**SKILL COMPONENT- I**  
**COURSE TITLE: BASICS OF DESIGN (PRACTICAL)**

**Course code: VID1SP01D23**

**Credits : 5**

**Total Lecture Hours : 5 hours / Week - 90 hours**

**Course Outcomes:**

**CO1:** Use the concepts of Art, Design and Good taste in design.

**CO2:** Identify and adopt appropriate ancient designs on present day designing.

**CO3:** Create compositions with design elements and principles.

**CO4:** Administer colour and lighting style judiciously for interior designing.

**CO5:** Imaginative use of special effects and illusions, using elements and principles of design in interior space.

**Syllabus Content:**

**Module 1: Art and Design in Daily Living (15 hours)**

Art – Definition, Classification; Design-Definition and Purpose, Art and Design, Importance of Good Taste, Design Types and Sources– Functional, Structural and Decorative - Styles and Types: Naturalistic, Rustic, Ancient, Traditional, Historic, Period, Stylized, Geometric, Modern, Abstract, Mobile.

**Module 2: Principles and Elements of Design (15 hours)**

Elements of design- Line, Shape, Form, Texture, Colour, Pattern, Light and Space, Alteration of Elements of Design, Application on 2-D and 3- D surfaces.  
Principles of Design - Proportion, Harmony, Emphasis, Balance, Rhythm etc. Application of various types of design, elements and principles of designs.

**Module 3 : Special Effects and applications using design elements (15 hours)**

Optical Illusions for Space Enhancement, Motif Development and Pattern Creation, Application of motif in objects suitable for interiors.

**Module 4 : Colour (15 hours)**

Understand colour vocabulary and terminology- colour characteristics and Psychology of colour perception. Colour schemes based on the 2D and 3D colour theory, Prang Colour Wheel, Exercises in application of basic colour properties and colour schemes /harmonies. After effects of colour.

**Module 5 : Lighting (15 hours)**

Importance of Home Lighting, Types of Lighting- Natural and Artificial - Importance of Natural Lighting for Healthy Environment; Types of Lamps and Lighting Fixtures for Artificial Lighting; Physical and Psychological Aspects of Lighting, Daylight factor, Glare, Colour rendition of light

**Module 6 : Design History (15 hours)**

Introduction and basics of ancient and modern art and architecture — Greek, Roman, Egyptian, Chinese, Gothic, Renaissance, Indian, Kerala etc, and its influence on current design process, History of Interior Design in India and Abroad, Introduction to Vaastu and Feng Shui.

**Practical / Related Experiences:**

Students should maintain a record of all the design activities practiced during the semester. The record has to be certified by the instructor in charge and to be presented for the end semester practical examination.

**References:**

- Callender J.H. and Chiara J. (2009) Time Saver Standards for Architectural Design, Tata McGraw Hill, N. Delhi
  - Faulkner R. and Faulkner S. (1975), Inside Today's Home, Holt, Rinehart and Winston, London
  - Banister Fletcher (Sir), (1986) A History of Architecture, University of London, The Athlone Press, London
  - Gilliatt M., (1981) The Decorating Book, Dorling Kindersley, London
  - Goldstein H and Goldstein V., Art in Every Day Life, Macmillan Company, New York
  - Inside Outside -The Indian Design Magazine, Business India Publishers, Mumbai
  - Insite- Magazine on Interior Architecture, IIID
  - Kasu Ahmed A (2004) Interior Design (6 Edn.) Sunrise Publishers, Mumbai
  - Panero, Julius and Zelnik, Martin (1980) Human Dimension and Interior Space: A Source Book of Design Reference Standards Watson-Guptill Publications, U.S.
  - Sharma, G. and Khanna, G (2008) Advanced Interior Designing incorporating Vastu and Feng-shui, Indica Publishers, Delhi.
- 

**BLUE PRINT**  
**VIDISP01D23: BASICS OF DESIGN (PRACTICAL)**

<b>Modules</b>	<b>Hours (90)</b>	<b>Part 1. 20 marks</b>	<b>Part 2. 10 marks</b>	<b>Part 3. 10 marks</b>
<b>1</b>	15	<b>1</b>	<b>1</b>	-
<b>2</b>	15			-
<b>3</b>	15			-
<b>4</b>	15			-
<b>5</b>	15			-
<b>6</b>	15	-		<b>1</b>

**Record - 15 Marks and Viva – 5 Marks**

**MODEL QUESTION PAPER**  
**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM**  
**DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING**  
**FIRST SEMESTER**

**VID1SP01D23: BASICS OF DESIGN (PRACTICAL)**

**Time: 3 Hours**

**Maximum: 60 Marks**

1. Design a Living room or a Bed room or an L-shaped kitchen with contemporary style and in asymmetrical balance with Graphic symbols, abbreviations and dimensions etc, need to be provided. The dimensions of the living room is 400 x 500 cm . Draw its furniture layout and front elevation, use scale. (20 Marks)
2. Design a traditional style chair. Show Motifs on its cabriole legs.  
or  
Design an ancient motif and its pattern on a door  
or  
Draw any 2 structural and its decorative designs (10 marks)
3. Presentation on Design History of Ancient Architecture (10 marks)
4. Practical Record. (15 Marks)
5. Viva (5 Marks)

\*\*\*\*\*

**SEMESTER I**  
**SKILL COMPONENT - II**

**COURSE TITLE: FINE ARTS AND CRAFTS (PRACTICAL)**

**Course code : VID1SP02D23**

**Credits : 5**

**Total Lecture Hours : 5 hours / Week — 90 hours**

**Course Outcomes:**

**CO1.** Prepare illustrations using various media and materials.

**CO2.** Establish proper eye and hand coordination in studio and field observation.

**CO3.** Determine proportion, scale, and spatial relationships.

**CO4.** Evolve new design concepts through experimentation using principles of visual composition.

**CO5.** Application of three-dimensional design for 2 Dimensional compositions.

**CO6.** Create innovative techniques of drawings and crafts.

**Syllabus Content:**

**Module 1: Free Hand Drawing**

**(15 hours)**

- Indoor and outdoor sketching: in pencil and pen /ink.
- Free-hand sketches of simple objects and rendering in pencil and pen.
- Study the principles of visual composition in historic architecture, art and design.
- Introduction to the basic formal concepts in two-dimensional arts
- Use of Line, plane and volume as a means to express objective and spatial concepts in various media

**Module 2 : Drawing & Painting**

**(15 hours)**

- Perspective, eye-level, Vanishing point, ratio- proportion, drawing light and shade, Still life objects and live models - anatomy, landscape, two and three-dimensional
- Materials: Paper (Cartridge, Hardboard, Handmade, etc.)
- Exercises in the various painting mediums- Pencil, watercolour, acrylic, oil etc. (Any 2)
- Media of Composition: Mosaic, Painting, Mural, Fresco, Batik, Tie and Dye (Any 1)

**Module 3: Rendering and Colouring exercises**

**(15 hours)**

- Rendering with pencil and colour, observing the basic historical and contemporary aspects.
- Drawings in colour with the use of light and shade, material textures and tonal value explorations

**Module 4 : Sculpture and Modelling techniques****(15 hours)**

- 3-dimensional design and concepts: Sculpture, modelling with clay, terra-cotta, carving in wood, stone, plaster of Paris. (Any 1)
- Fabrication by the use of materials such as plaster, wire, clay, wood, paint, board, paper, etc. (Any 1)
- Model making of simple objects (Any 1)

**Module 5 : Graphics and Applied Art****(15 hours)**

- Graphics: Technical skills related to graphics, relief printing, etching, silk screen printing, Cut and paste methods
- Applied Art: Book cover design and illustration, cartoon, POP ART, poster, advertisements, animation and printing processes, photography, computer-graphic, hoarding and T.V (Any 1)
- Explore ideas through various modes of art and design- photography, photomontage, audio-visual projections, animations etc. (Any 1)

**Module 6 : Design Theory interpretations through student projects****(15 hours)**

- Creation of art objects– collage work, decoupage, macramé, papier mâché, greeting cards, glass painting, candle making, pot painting, quilling, etc. Wealth from junk- through Reuse, Reduce, Recycle, Upcycle etc. (Any 2 )
- Portfolio Assessment: The Art Portfolio will consist of a compilation of all art works, from sketch to finished product.

**References:**

1. Asher, F.M. (2003) Art in India – Prehistory to the Present, Encyclopaedia Britannica, Inc.
2. Ilay Cooper and John Gillow(1996) Arts and Crafts of India, Thames and Hudson, London.
3. Juliet Bawden (1994) The Art and Craft of Papier Mache, Mitchel Beazley, USA.
4. Kamala Devi Chattopadyay (1985) The Glory of Indian Handicrafts, Clarion Books, N. Delhi

**BLUE PRINT****VID1SP02D23: FINE ARTS AND CRAFTS (PRACTICAL)**

Modules	Hours (90)	Part 1. 20 marks	Part 2. 10 marks	Part 3. 10 marks
1	15	1	1	1
2	15			
3	15			
4	15			
5	15			
6	15			

**Record - 15 Marks and Viva – 5 Marks**

**MODEL QUESTION PAPER**  
**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM**  
**DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING**  
**FIRST SEMESTER**  
**VID1SP02D23: FINE ARTS AND CRAFTS (PRACTICAL)**

**Marks: 60**

**Time: 3 hours**

---

1. Design a cover page of a children's magazine.

or

Design a cover page of an interior design magazine using any art form

or

Develop a poster for a college event using Pop art/ Collage

(20 Marks)

2. Design a living room showing Mandala Art/ Doodling work on the wall.

or

Draw a Naturalistic / Abstract / Stylized / Geometric design wall hanging of flowers

(20 Marks)

3. Practical Record.

(15 Marks)

4. Viva.

( 5 Marks)

\*\*\*\*\*

## SEMESTER I

### SKILL COMPONENT- III

#### COURSE TITLE: BASICS OF TECHNICAL DRAWING (PRACTICAL)

Course Code : VID1SP03D23

Credits : 5

Total Lecture Hours : 5 hours /week- 90 hours

#### Course Outcome:

CO1: Operate various drawing instruments.

CO2: Visualize and render engineering technical drawings.

CO3 : Create basic plans and views of interior spaces.

CO4: Develop attractive visual presentations of interiors.

CO5: Identify and use graphic symbols and abbreviations as per requirements.

#### Syllabus Content:

##### **Module 1 : Interior designing & drawing Tools and Instruments (20 hours)**

- Identifying drawing instruments, Tools & instruments for Design drawing - drafting board, T scale, mini drafter (M.D), Set Square etc. and other small tools and materials.

- Layout of drawing sheet including title card.

##### **Module 2 : Graphic symbols and abbreviations in design drawing (20 hours)**

- Introduce the scale MKS and FPS for making the drawing – reduced and enlarged scale drawings
- Lettering- styles and fonts
- Standard sizes & measurements of various interior spaces like (Kitchen, toilet, Bed Room, Living Room, Dining etc.
- Graphics used for interior -Graphic symbols in interior spaces for doors, windows and furniture of different material.

##### **Module 3 : Code of practice for General interior drawing. (15 hours)**

- Introduction to lines - Different types of lines, and application in engg. drawing
- Projection techniques - Types - Orthography, Metric Drawings, Isometric, Axonometric and Oblique

##### **Module 4 : Scaled Drawings (20 hours)**

- Basic knowledge of geometrical shapes - simple composition of geometrical objects with help of scale.
- Draft the plan, elevation & view of geometrical solids- Cube, Cuboids, Triangular prism, Cylinder, Pyramid, Hexagonal prism, Hexagonal Pyramid, Cone (Any 4)

##### **Module 5 : Functional planning (15 hours)**

Preparation of Bubble diagram, Circulation chart, Line drawing, Drawings to Scale - Plan, Elevation and Sections

- Planning and designing of spaces with furniture layout.

**Practical / Related Experiences:**

Students should maintain a record of all the design activities practiced during the semester. The record has to be certified by the instructor in charge and to be presented for the end semester practical examination.

**Reference:**

- Callender J.H. and Chiara J. (2009) Time Saver Standards for Architectural Design, Tata McGraw Hill, N. Delhi
  - Faulkner R. and Faulkner S. (1975), Inside Today's Home, Holt, Rinehart and Winston, London
  - Gill R.W. - The Thames and Hudson Manual of Rendering with Pen and Ink, Thames and Hudson, London
  - Hepler, D. E. & Wallach, P. I. , Architecture Drafting and Design
  - Noyes, Jan. , Designing for Humans, Taylor & Francis Inc. London.
- 

**BLUE PRINT****VID1SP03D23: BASICS OF TECHNICAL DRAWING (PRACTICAL)**

<b>Modules</b>	<b>Hours (90)</b>	<b>Part 1. 20 marks</b>	<b>Part 2. 10 marks</b>	<b>Part 3. 10 marks</b>
<b>1</b>	15	<b>1</b>	<b>1</b>	<b>1</b>
<b>2</b>	15			
<b>3</b>	15			
<b>4</b>	15			
<b>5</b>	15			

**Record - 15 Marks and Viva – 5 Marks**

**MODEL QUESTION PAPER**  
**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM**  
**DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING**  
**FIRST SEMESTER**

**VID1SP03D23: BASICS OF TECHNICAL DRAWING (PRACTICAL)**

**Marks: 60**

**Time: 3 hours**

- 
1. a. Draft the plan of a house with given dimensions starting with bubble diagram, line drawing, Floor plan, one elevation, and one section. Graphic symbols, and abbreviations, dimensions etc, need to be provided.  
Dimensions:  
• Hall cum dining 400 x 500 cm  
• Bed room 400 x 300 cm  
• Kitchen - 260 x 180 cm  
• Toilet - 120 x 180 cm  
(All dimensions are inside dimensions i.e., wall to wall inside. wall thickness 20 cm).  
**or**
- b. Draw the furniture layout and isometric view of a bed room. Room size 360 x 360 cm.  
**or**
- c. Draw a furniture layout and isometric view of an L-shaped kitchen of 360 x 360 cm  
**(25 marks)**
2. CAD presentation of one building component. **(15 marks)**
3. Practical Record. **(15 Marks)**
4. Viva **(5 Marks)**

\*\*\*\*\*

**SEMESTER I:**  
**SKILL COMPONENT - IV**

**COURSE TITLE: CAD TRAINING (COMPUTER AIDED DESIGN) PRACTICAL**

**COURSE CODE : VID1SP04D23**

**Course Credit : 3 hours/week - 54**

**Course Outcomes:**

**CO1.** Operate computer for interior designing.

**CO2.** Draft basic objects using CAD.

**CO3.** Prepare 2 D and 3D objects with CAD.

**CO4.** Create drawings of different types of false ceiling and joinery using CAD.

**Syllabus Content**

**Module 1: Create objects in 2D & 3D using toolbars, commands. (10 hours)**

- Drawings in 2D Construction line, Ray, Points. Polyline, Join, Explode.
- ORTHO, OSNAP, GRID, POLAR, TRACKING, SNAP, Dynamic Input.
- Move, Copy, Copy Array Rotate –Copy Rotate, Rotate reference. Scale- Copy Scale, Scale Reference.
- Offset- Through. Mirror, Stretch, Trim, Extend, Layers, Layer Tools, Colours, Line types, Line Weights, Match Properties Tool Palettes,
- Design Centre Data Extraction Text: Single line text, multi-Line text, Text styles. Text Align, Fields Multiline Text Options. TXT2MTEXT.
- Dimension: Dimension style, Scale Factor, and Scale Factor in Primary Units, Tolerance. Leaders & Multi Leaders.

**Module 2: Preliminary Drawing in 3D (10 hours)**

- 3D commands and use of different menus.
- Elementary commands and menus of 3D software,
- Drawing practice on 3D software

**Module 3: Draw different types of false ceiling by using CAD. (10 hours)**

- Ceiling Definition of false ceiling to understand the job fabrication installation process of it with Gyp board / POP board / Ply / Wood.
- Plain Finishing materials used for false ceiling- Laminate, veneer, stone, glass, acrylic sheet, MDF, paints, wall paper, fabric, stainless steel, wood.
- Design a false ceiling in a room, specify the level and section and finishing material (laminate, veneer, paints).

**Module 4: Draw different types of flooring by using CAD. (10 hours)**

Types of floor finishing: Stone, Marble, Mosaic, Vinyl, Vitrified tiles, Ceramic tiles, PVC, Carpet, Laminated, Glass

Preparing for drawing, Design a flooring pattern with finishing material (Marble, vitrified tile, PVC. Laminated), Specify the starting point of flooring, Specify the dimension & sizes)

**Module 5: Draw different types of carpentry joints by using CAD. (10 hours)**

Carpentry joints Types of joints: Butt joint, Mitre joint, Lap joint, Mortise and Tenon joint, Tongue and groove joint, Housed joint

1. Cross joints used in furniture joints used in doors/ windows/ ventilators.
2. Model of Carpentry joints: - Demonstration of staircase with the help of respective models

**Module 6 : Draw different types of carpentry joints by using CAD. (10 hours)**

Drafting simple joints used in furniture: Drafting details drawing of different types of joints, Draft a sheet of door, window, chair, table, bed (Any 3)

---

**MODEL QUESTION PAPER  
ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM  
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING  
FIRST SEMESTER**

**VID1SP04D23 : CAD TRAINING (COMPUTER AIDED DESIGN) PRACTICAL**

**Marks: 60**

**Time: 3 hours**

---

<b>1. Practical Exam on CAD presentation</b>	<b>(30 marks)</b>
<b>2. Portfolio</b>	<b>(15 marks)</b>
<b>3. Practical Record.</b>	<b>(15 Marks)</b>
<b>4. Viva</b>	<b>(5 Marks)</b>

\*\*\*\*\*

# SYLLABUS AND MODEL QUESTION PAPER FOR SEMESTER I COURSES

## SEMESTER II

### GENERAL COURSE - IV

### COURSE TITLE: ENGLISH FOR COMMUNICATION- II

**Course Code** : VID2G04D23  
**Credits** : 4 credits  
**Total Lecture Hours** : 4 hours /week - 72 Hrs

#### Course Outcomes :

**CO1:** Create well structured letters and text documents.

**CO2:** Manage group discussions.

**CO3:** Develop confidence in public speaking.

**CO4:** Design powerpoint presentations for group presentations.

#### Syllabus Content

##### **Module 1 : Professional Writing (15 hours)**

Write resumes and cover letters, write business letters and informal letters, email etiquette

##### **Module 2 : Advanced Reading (15 hours)**

Critical reading of a text—analytical reading-- summarizing-- Being able to distinguish the main idea and supporting details—Skimming and Scanning—Inferential reading

##### **Module 3 : Group Discussions (20 hours)**

How to engage in Group Discussions—being assertive --- etiquette to be followed while engaging in Group Discussions—Working in a team - leadership skills

##### **Module 4 : Public speaking (22 hours)**

Hone public speaking skills—voice modulation—Body language - Self Introduction- Persuasive speaking - Informative speech - Speeches on special occasions - how to create a powerpoint presentation-make it engaging - creative- using text

#### **Reference:**

- New Cambridge Grammar and Writing Skills: Learner's Book, Sarah Lindsay, Wendy wren
- English for Careers, Pearson Education India, ISBN: 9788131768846
- English for Careers: Business, Professional, and Technical, 11th edition, (2014) Leila R. Smith, Roberta Moore, Pub. Pearson ISBN-13: 9780137551101

**BLUEPRINT**

**VID2G04D23: ENGLISH FOR COMMUNICATION - II**

<b>Modules</b>	<b>Hours</b>	<b>PART A (Short answer) 1 marks 20/20</b>	<b>PART B (Short essay) 2 marks 5/7</b>	<b>PART C- (Essay/problem) 5 marks 4 /6</b>	<b>PART D- (Essay/problem) 10 marks 1/2</b>
1	15	5	1	1	0
2	15	5	2	1	0
3	20	5	2	2	1
4	22	5	2	2	1

\*\*\*\*\*

**SEMESTER II**  
**GENERAL COURSE V**  
**COURSE TITLE: DESIGN IN EVERYDAY LIFE**

**Course Code : VID2G05D23**

**Credits : 3**

**Total Lecture Hours: 3 hours/ week - 54 Hours**

**Course Outcome:**

**CO1:** Describe the concept of Interior Design.

**CO2:** Explain the design evolution from the perspective of a designer.

**CO3:** Assess the need and types of furniture, furnishings and accessories for home.

**CO4:** Identify and evaluate space requirement and availability in homes.

**CO5:** Evaluate designs based on ergonomics and anthropometry.

**Syllabus Content :**

**Module 1: introduction to Interior Design (12 hours)**

- Interior Design- Importance of interior designing. Concept and Objectives, Interior Design as a profession, Modern interior design features.
- Trends in Interior Design: Study of traditional design and decorations, Modern design and decorations, Factors influencing change in Interior design, Design trends around the world.

**Module 2: Furniture for Interior Spaces (12 hours)**

History of Furniture- with Reference Periods and Styles, Types and Classification of Furniture, Upholstered Furniture, Multipurpose furniture, Guidelines for Selection and Arrangement of Furniture.

**Module 3: Furnishing and Accessories (15 hours)**

- Classification of Soft Furnishings, Study of factors influencing furnishings, Rugs and Carpets, Tapestries, Upholstery, etc.
- Window Treatments - Curtains and Draperies, Accessories: Role in interiors, Kerala Handicrafts and Indian Handicrafts.

**Module 4: Interior Space Design and Organisation (15 hours)**

Factors influencing Space Designing - Functionality, aesthetics, orientation, grouping of areas, circulation, light, ventilation, flexibility, privacy, roominess, economy, services, etc

Basics of Ergonomics for space planning, Space requirement for various activities, Size, layout, finishes, furniture, storage, furnishings, accessories, lighting and colour.

**References:**

- Michell, G. (2000) Architecture and Art of Southern India. In: The New Cambridge History of India, Replika Press Pvt. Ltd., Delhi.
- Oliver Heath (2004) Oliver Heath's Home Book, Cassell Illustrated, Britain

- Panero, Julius and Zelnik, Martin (1980) Human Dimension and Interior Space: A Source Book of Design Reference Standards Watson-Guptill Publications, U.S.
- Parikh A., Robertson D., Lane T., Hilliard E. and Paine, M. (2000) The Ultimate Home Design Source book, Conran Octopus ltd., London.
- Pricilla Kohute (1999) Guide to Home Decorating-Indian Style, Grantha Corporation Pvt. Ltd, India.
- Grandjean, E (1985) Fitting the Task to the Man - An Ergonomic Approach, Taylor and Francis, London
- Joshi. S (1998) Ergonomics, Dept. of Home Management, The M.S. University of Baroda, Vadodara.

---

**BLUEPRINT**

**VID2G05D23 : DESIGN IN EVERYDAY LIFE**

Modules	Hours	PART A (Short answer) 1 marks 20/20	PART B (Short essay) 2 marks 5/7	PART C- (Essay/problem) 5 marks 4 /6	PART D- (Essay/problem) 10 marks 1/2
1	12	5	1	1	0
2	12	5	2	1	0
3	15	5	2	2	1
4	15	5	2	2	1

\*\*\*\*\*

## **SEMESTER II**

### **GENERAL COURSE VI**

#### **COURSE TITLE: EXTERIOR SPACE DESIGNING**

**Course Code : VID2G06D23**

**Credits : 3**

**Total Lecture Hours : 3 hours/ week - 54 Hours**

**Course Outcome:**

**CO1:** Apply the relationship between the built and the un-built environment in sustainable landscape planning.

**CO2.** Analyze and apply the characteristics of a site for landscape planning.

**CO3:** Compose appropriate landscape design for buildings.

**CO4:** Application of landscape gardening and its appropriate application.

**CO5:** Acquire skills in selection of different garden plants..

**CO6:** Develop entrepreneurial skills in landscaping and gardening.

#### **Syllabus Content :**

##### **Module 1: Landscaping essentials Landscape Gardening**

**(10 hours)**

Meaning and importance of landscaping: Introduction to Landscape Architecture, Landscape Elements and Principles.

Historical overview of garden design; Styles and Types of gardens - layout of formal, informal and small, medium, large gardens, - English, Mughal and Japanese garden. Rock garden; Bonsai.

##### **Module 2: Garden components – Living and Man made**

**(10 hours)**

Plants: Trees, Annuals, flowering plants, Shrubs, perennials, cacti, ornamental grass, bamboo and palm; etc.

Garden pavements, flower beds, hedges, edges and borders, topiary, arches, pergolas, Gazebo and garden adornments, Rockery, trellis, fountains, Grotto, bird's bath, garden lighting and garden furniture. Lawns: Methods of lawn making, maintenance and care, type of lawn grasses. Modern trends in gardening, Indoor gardens and Atrium.

##### **Module 3: Landscape design**

**(8 hours)**

Site analysis with respect to topography and existing features; slopes, drainage; soil types and layers; sensitive areas and natural ecosystem; etc.

##### **Module 4: Green Practices in Gardening**

**( 8 hours)**

Soil protection during and after construction; reduction of hard paving and circulation areas; water preservation, drip and wick irrigation, Xeriscape, Aquaponics, Space Saving design– Vertical and Terrace gardens, terrarium.

**Module 5: Garden Care:****(8 hours)**

Routine duties in garden, Garden tools and implements; Soil preparation, soil treatment, organic manures and fertilizers; Irrigation - methods; Plant propagation– layering, cutting, grafting, budding; Care of plants–potting - repotting techniques, pruning, disbudding, defoliation, staking and mulching. Green house.

**Module 6: Related Experience:****( 10 Hours)**

Visits to Public and Private Gardens and Plant Nursery

**Suggested Texts and References:**

- Aquaa, George. 2005, Horticulture: Principles and Practices, Pearson Prentice Hall, USA, ISBN: 20059780131144125
- Bose & Chowdhary, 1991, Tropical Garden Plants in Colour, H &A Publishers, Calcutta.
- Krishen, Pradip. 2006, Trees of Delhi. Dorling Kindersley.
- Lynch, Kevin, 1962, Site Planning. The MIT Press, Cambridge.
- Mani Bhushan Rao, Textbook of Horticulture, Macmillan India Ltd., New Delhi
- McHarg, Ian. 1986. Design with Nature.
- Laurie M., An Introduction to Landscape Architecture, Elsevier.
- Root, James, Fundamentals of Landscape and Site Planning
- Swarup, V. 1997, Ornamental Horticulture, Macmillan India Ltd., Chennai

**BLUEPRINT****VID2G06D23 : EXTERIOR SPACE DESIGNING**

<b>Modules</b>	<b>Hours</b>	<b>PART A (Short answer) 1 marks 20/20</b>	<b>PART B (Short essay) 2 marks 5/7</b>	<b>PART C- (Essay/problem) 5 marks 4/6</b>	<b>PART D- (Essay/problem) 10 marks 1/2</b>
1	10	4	1	1	0
2	10	4	2	2	0
3	8	4	2	1	1
4	8	4	1	1	1
5	8	4	1	1	0

\*\*\*\*\*

**SEMESTER II**  
**SKILL COMPONENT V**  
**COURSE TITLE: ADVANCED DESIGN SKILLS (PRACTICAL)**

**Course Code** : VID2SP05D23  
**Credits** : 6  
**Total Lecture Hours** : 6 hours /week - 108 hours  
**Course Outcome:**

**CO1:** Draw residential interior and exterior plan with necessary working drawing

**CO2:** Propose interior plans with accuracy and precision

**CO3:** Draft the structural and interior components.

**CO4:** Illustrate appealing 3D views.

**CO5:** Prepare video presentations using Power Points

**CO6:** Design interior finishes and accessories appropriate to the theme.

**Syllabus Content :**

**Module 1: Draw residential plan with necessary working drawing (20 hours)**

Planning of Interiors: Space selection for circulation and furniture. Selection of furniture.

Uses of furniture templates. Drafting of Residential Plan (Any Room): Concept plan with circulation flow, Basic furniture layout plan with working drawing, Wall elevation with dimension and specification, Necessary details, Rendering the plan & elevations.

**Module 2: Basic knowledge of structural components of building (20 hours)**

Preparing drawing: Basic concept of section of a building through toilet & balcony introducing the beam & column. Basic knowledge of Mezzanine floor, Masonry. Lintels, Arches and Sunshade, Different types of stairs - Basic terminology of R.C.C. Staircase. Types of Staircase - Prepare drawing with technical details of different stairs.

Draw doors and windows & details - Types of Doors and windows- Placement of door & windows - Definition of technical terms of doors & windows- hardware fitting in door & windows with dimension, Preparing for the plan, elevation & section of different types of doors and windows

**Module 3: Draw Interior and Exterior layouts of a building (20 hours)**

Ergonomics For space planning, Anthropometric measurements required for space planning, Space requirement for various activities in various rooms; Size, layout, finishes, furniture, storage, furnishings, accessories, lighting and colour for various rooms.

Principles of external space organization- Residential and Commercial layouts, Preparation of the layout of landscaping suitable for residential building / institutions / public buildings

**Module 4: Finishing and Accessorizing the interiors (23 hours)**

Window Treatments - Curtains and Draperies- Types and Styles, Accessories for Window Dressings, Dressing Up Windows Creatively

Accessories: Basics of Flower Craft and Flower Arrangement, Bouquet making, Indoor Plants and Bonsai.

**Module 5: Interior Design Methodology and Presentation**

**(25 hours)**

Design Communication and Representational Techniques: Visualization, Creation of Mood and Illusion, Model making, Presentations to sell ideas and concepts.

Prepare the PowerPoint presentation, Prepare the PowerPoint animated presentation. Training material - Video presentations with audio input, Generate PowerPoint / video Presentation for Any one of the modules for seminar presentations.

**NOTE: - Necessary practical training will be carried out on site.**

**References:**

1. Arora and Bindra (2010) Building Construction, Dhanpat Rai Publication, N. Delhi
2. Arthanari T., (1979) Materials of Construction, Oxford University Press, Madras, ISBN: 19 561239 6
3. Gill R.W., The Thames and Hudson Manual of Rendering with Pen and Ink, Thames and Hudson, London
4. Pricilla Kohute, (1999) Guide to Home Decorating - Indian Style, Grantha Corporation Pvt. Ltd, India.
5. P. Tiwari and J. Parikh., (2012) Global Housing Challenge: A Case Study of CO2 Emissions in India. School of Planning and Architecture, Bhopal.

**BLUE PRINT**

**VID2SP05D23: ADVANCED DESIGN SKILLS (PRACTICAL)**

<b>Modules</b>	<b>Hours (90)</b>	<b>Part 1. 20 marks</b>	<b>Part 2. 10 marks</b>	<b>Part 3. 10 marks</b>
<b>1</b>	20	<b>1</b>	<b>1</b>	<b>1</b>
<b>2</b>	20			
<b>3</b>	20			
<b>4</b>	23			
<b>5</b>	25			

**Record - 15 Marks and Viva – 5 Marks**

\*\*\*\*\*

-

## SEMESTER II

### SKILL COMPONENT VI

### COURSE TITLE: TECHNICAL DRAWING PRACTICE (PRACTICAL)

Course Code : VID1SP06D23

Credits : 5

Total Lecture Hours : 5 hours /week - 90 hours

#### Course Outcome:

**CO1:** Articulate interior designing & drawing instruments and tools

**CO2:** Sketch basic and complex geometrical shapes

**CO3:** Learn projection techniques with the help of engineering scale and free hand sketches

**CO4:** Originate furniture design and detailing

**CO5:** Design residential Interior drawings with accuracy and appeal to client

#### Syllabus Content

##### **Module 1: False Ceiling & Partition**

**(15 hours)**

False Ceiling & Partition Making -Materials used for false ceiling. Types of partition wall- wooden, glass. Materials used for Partition. drawing of a false ceiling.

Flooring & Panelling - Types of floor finishing- method of constructing, Drawing details –tiled, timber, pattern, stone, mosaic, glass, carpets. Details of wooden Panelling.

##### **Module 2: Paints & Polishing**

**(10 hours)**

Analyse and uses of paints, polish and varnish- Paints: Types, techniques, tools, defects and remedies, Estimate quantity of materials used on surface and labour cost

Polishes - Different types classification and their application on woods. Paints & Polishing, Design the Painting of walls and ceiling with colour, Design the painting of doors and windows.

##### **Module 3: Interior services**

**(15 hours)**

Plumbing and Water supply -Types and components- pipelines house drainage, sanitary fittings, Planning of plumbing. Preparation of drawing showing various pipe joints, method of sanitary fittings in buildings.

Electrical fittings and Lighting: Electrical components, security gadgets and layout, Types of Lighting system in different spaces of interiors, Air conditioner - Types of air Conditioning **Note:** - Necessary practical training will be carried out on site.

##### **Module 4: One and two points perspective Projections**

**( 15 hours)**

Perspective projection - Definition and theory- i. Ground plane ii. Station point iii. Picture plane iv. Horizontal plane v. Ground line vi. Horizontal line or eye level, Vanishing point - 1 point ii. 2 point iii. 3-point (Describe the one-point perspective with approximate method) Draft one-point perspective view with approximate method (any room) and render it with any medium, Perspective view of

furniture which is used in Interiors, one-point perspective and two-point perspective like Bed Room, Drawing Room, Kitchen, Bathroom & Staircase

**Module 5: Residential Project (20 hours)**

Plan Layout: Introduction of Residential project – Planning of Residential interior - planning of residential building in small scale • Estimate and costing of different types of material -Detail layout plan, elevations, sections and views - Application of orthographic and metric drawings in residential design

**Module 6: Workshop Calculation and Science (15 hours)**

Units & Measurements- FPS, CGS, MKS/ SI unit, unit of length, Mass and time. Fundamentals and derived units Conversion of units and applied problems.

Building materials: Types, Functions and Properties-Physical & Mechanical, Types - Ferrous & Non-Ferrous, latest materials for Interior finishing

Mass, Weight and Density, Ratio & Proportion, Percentage: Introduction, Simple calculation.

**References:**

1. Arora and Bindra (2010) Building Construction, Dhanpat Rai Publication, N. Delhi
2. Callender J.H. and Chiara J. (2009), Time Saver Standards for Architectural Design, Tata McGraw Hill, N Delhi
3. Dutt D.R. (2003) How Best to Plan and Build Your Home, Pustak Mahal, Delhi
4. Hiraskar G. K. (1998) The Great Ages of World Architecture, Dhanpat Rai Publications (P)Ltd. N. Delhi
5. Gill R.W. - The Thames and Hudson Manual of Rendering with Pen and Ink, Thames and Hudson, London
6. Panero Julius and Zelnik Martin (1980) Human Dimension and Interior Space: A Source Book of Design Reference Standards Watson-Guption Publications, U.S.

**BLUE PRINT**

**VIDISP06D23: TECHNICAL DRAWING PRACTICE (PRACTICAL)**

Modules	Hours (90)	Part 1. 20 marks	Part 2. 10 marks	Part 3. 10 marks
1	15	<b>1</b>	<b>1</b>	<b>1</b>
2	10			
3	15			
4	15			
5	20			
6	15			

**Record - 15 Marks and Viva – 5 Marks**

\*\*\*\*\*

**SEMESTER II**  
**SKILL COMPONENT VII**  
**COURSE TITLE: PRESENTATION SKILLS USING SOFTWARE**

**Course Code : VID2SP07D23**

**Credits : 5**

**Total Lecture Hours : 5 hours/ week - 90 Hours**

**Course Outcome:**

**CO1:** Expertise in designing with CAD

**CO2:** Preparation of technical drawings using computer aided designing tools

**CO3:** Draw different types of partition wall by using CAD

**CO4:** Sketch plumbing and drainage details using CAD

**CO5:** Draw lighting and electrical and air-conditioning layout plan using CAD

**CO6:** Illustrate commercial interiors using different Design software

**Syllabus Content**

**Module 1: Draw different types of partition wall using CAD (15 hours)**

- Partition wall: Introduction of partition wall, Properties of a good partition wall, Types of partition wall - i. Brick partition ii. Glass partition iii. Timber or wooden partition iv. Aluminium partition
- Design the full height and low height partition wall with different construction and finishing materials, Draft Plan, sectional plan, front elevation and section with specification and dimension.

**Module 2: Draw plumbing and drainage details and sanitary fittings using CAD (15 hours)**

- **Plumbing:** Purpose and principle of house drainage, Types of Drainage plumbing system.
- **Sanitation:** Traps, i. Gully trap, ii. Intercepting trap, iii. Grease trap, iv. Floor trap or Nahni trap- Waste water disposal: i. Inspection chamber, ii. Septic tank Pipes: i. Soil pipe ii. Waste water pipe iii. Rainwater pipe Sanitation fitting: i. Wash basin ii. Sink iii. Bathtub iv. Water closet v. Urinals vi. Flushing cisterns.
- Layout the plumbing/drainage /Sanitary plan and sectional elevation

**Module 3: Draw lighting and electrical layout plan using CAD (15 hours)**

Lighting: Introduction of natural and artificial light. Different types of lighting arrangements i. Direct lighting · Angular lighting · Down lighting · Eyeball fitting · Track lighting · Shade lighting -Variety of lamps - Electrical accessories.

Layout of electrical plan & elevation along with switch board, electrical fittings & light fittings on wall with dimension.

**Module 4: Draw air conditioning layout using CAD (15 hours)**

Types of Air Conditioning i. Window Air Conditioning ii. Split Air Conditioning iii. Centralised Air Conditioning iv. Cassette Air Conditioning- Layout plan of Air Conditioning with specification.

**Module 5: Draw commercial interiors using different Design software (30 hours)**

**Planning of commercial interiors:** - Introduction of office building. Offices – i. Interior designer/Architect ii. Lawyer office iii. Administration Room iv. Hotel waiting lounge Office design guidelines and office space standard.

**Office design project:** - Layout plan–Elevations, Necessary working details to execute the project smoothly.

**References**

1. Callender J.H., 1982, Time Saver Standards for Architectural Design Data

2. Groover M. and E. Zimmers, 2003, CAD / CAM, Computer Aided Design and Manufacturing, Pearson, USA
  3. Gill R.W., Manual of Rendering with Pen and Ink, Thames and Hudson, London
  4. Hepner, D. E. & Wallach, P. I., Architecture Drafting and Design
- 

**BLUE PRINT**  
**VID2SP07D23: PRESENTATION SKILLS USING SOFTWARE**

Modules	Hours (90)	Part 1. 20 marks	Part 2. 10 marks	Part 3. 10 marks
1	15	1	1	1
2	15			
3	15			
4	15			
5	30			

**Record - 15 Marks and Viva – 5 Marks**

\*\*\*\*\*

**SEMESTER II:**

**SKILL COMPONENT VIII**

**COURSE TITLE: INTERNSHIP**

**Course Code : VID2SI01D23**

**Credits : 3**

**Course Outcome:**

**CO1:** Appraise the building finishes available in market

**CO2:** Formulate estimates of small projects

**CO3:** Create 3D models and working drawings of objects and projects

**CO4:** Review the working of design offices, factories and work sites

**Syllabus Content:**

- I. Advanced Software Training and Internship in Interior Design Offices (1 month)
- II. Modular Units- planning, sectional elevation, with materials & specification - CAD Drawing - estimation of interiors works.
- III. **Project** - Any One on Designing one room Apartments / Studio- Preparation of complete Interior Layout / CAD Drawing - estimation of interiors works.
  - a. Plan elevation and views - one room interior.
  - b. Make a Furniture file with different types of furniture & furniture style. With plan, elevation & section (Any 3 furniture)
- IV. **Market Study and Presentation:** On any of the following related to Building Interior finishes, finishing material, fittings & fixtures.

- Modular kitchen- Hardware and accessories
- Wallpaper, Fabric & other wall covering, paints & polish
- Floor finishes, carpets & rug, Resilient floor covering
- Upholstery material, window treatments & hardware
- Wood & related products like ply, veneer etc.
- Floor or wall tiles, Glasses and types
- metals, wrought iron, copper, bronze, brass, stainless steels
- PVC, and miscellaneous new products
- Lights and electrical fittings
- Sanitary fittings and accessories
- False ceiling and materials. (Presentation of report as PowerPoint or video)

**V. Industrial Visit:** Visit to Offices / Furniture and building material showrooms and factories, different places for interior work and to different sites where interior works are in progress & Necessary practical training will be carried out on site.

---

**MODEL QUESTION PAPER**  
**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM**  
**DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING**  
**FIRST SEMESTER**

**VID2SI01D23 : INTERNSHIP**

---

<b>1. Report of Visits and Market Survey</b>	<b>(20 marks)</b>
<b>2. Record / Project work</b>	<b>(20 marks)</b>
<b>3. Portfolio</b>	<b>(10 Marks)</b>
<b>4. Viva</b>	<b>(10 Marks)</b>