

**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

(2020 Admissions)

ST. TERESA'S COLLEGE, (AUTONOMOUS), ERNAKULAM
DEPARTMENT OF HOME SCIENCE
BOARD OF STUDIES IN HOME SCIENCE- LIST OF MEMBERS

Sl. No.	Name of the member	Official Address	Designation
1	Dr. Thara Sabastian	Assistant Professor and Head, Department of Home Science, St. Teresa's College, Ernakulam	Chairperson
2.	Dr. A. Thirumani Devi	Assistant Professor & Head, Department of Food Science and Nutrition, Avinashilingam Deemed to be University, Coimbatore	Subject Expert
3.	Dr. Dharini Krishnan	Chief Dietitian, Wellness Clinic, Teynampet, Chennai	Industry Expert
4.	Dr. Lizmitha Godwin	Assistant Professor & Head, Department of Home Science, Morning Star Home Science College, Angamaly	Alumnus
5.	Dr. Betty Rani Issac	Associate Professor, Department of Home Science, St. Teresa's College, Ernakulam	Member
6.	Smt. Teresa Kuncheria	Associate Professor, Department of Home Science, St. Teresa's College, Ernakulam	Member
7.	Dr. Susan Cherian	Associate Professor, Department of Home Science, St. Teresa's College, Ernakulam	Member
8.	Dr. Anu Joseph	Associate Professor, Department of Home Science, St. Teresa's College, Ernakulam	Member
9.	Smt. Rose Mary Francis	Assistant Professor, Department of Home Science, St. Teresa's College, Ernakulam	Member
10.	Dr. Shilpa Jose	Assistant Professor, Department of Home Science, St. Teresa's College, Ernakulam	Member
11.	Dr. Dhanya. N	Assistant Professor, Department of Home Science, St. Teresa's College, Ernakulam	Member

12.	Dr. Leena Leon	Assistant Professor, Department of Home Science, St. Teresa's College, Ernakulam	Member
13.	Dr. Rashmi H. Poojara	Assistant Professor, Department of Home Science, St. Teresa's College, Ernakulam	Member
14.	Dr. Nisha Vikraman	Assistant Professor, Department of Home Science, St. Teresa's College, Ernakulam	Member
15.	Smt. Nimmi Jacob	Assistant Professor, Department of Home Science, St. Teresa's College, Ernakulam	Member

Those who contributed

1	Dr. Sumathi D.	Assistant Professor, Dept. of Resource Management, Avinashilingam University, Coimbatore	Subject Expert
2	Dr. Lizmitha Godwin	Assistant Professor & Head, Department of Home Science, Morning Star Home Science College, Angamaly	Subject Expert
3	Sri. Jayaprakash Narayan	Director, Sanskriti School of Interior Design, Ravipuram Ernakulam	Expert
4	Mr. Shiju Sasidharan	CEO, Bimlabs ES Pvt Ltd. Kochi	Software Consultant
5	Ms. Sujisha V.	Assistant Manager, Bimlabs ES Pvt Ltd	Software Consultant
6	Smt. Rose Mary Francis	Associate Professor Department of Home Science, St. Teresa's College, Ernakulam	Member

COLLABORATING AGENCIES

- **Sanskriti – School of Interior Design, Ravipuram**
- **Bim LABS -Tridax, Kaloor, Kochi**

**MINUTES OF THE BOARD OF STUDIES MEETING OF THE
DEPARTMENT OF HOME SCIENCE**

HELD ON 23/09/2020

This is to certify that the syllabus of Diploma in Interior and Exterior Space Designing for 2020 admissions onwards has been scrutinized and approved at the Board of Studies meeting which was held on 23rd September 2020 through Google Meet.

The following members attended the meeting:

1. Dr. Thara Sebastian (Chairperson)
2. Dr. A. Thirumani Devi (Subject Expert)
3. Dr. Sumathi D., (Subject Expert)
4. Dr. Dharini Krishnan (Industry Expert)
5. Sri. Jayaprakash Narayan (Subject Expert)
6. Dr. Lizmitha Godwin (BOS Member – Alumna)
7. Dr. Betty Rani Isaac (BOS Member)
8. Smt. Teresa Kuncheria (BOS Member)
9. Dr. Susan Cherian (BOS Member)
10. Dr. Anu Joseph (BOS Member)
11. Smt. Rose Mary Francis (BOS Member)
12. Dr. Shilpa Jose (BOS Member)
13. Dr. Dhanya. N. (BOS Member)
14. Dr. Leena Leon (BOS Member)
15. Dr. Rashmi H. Poojara (BOS Member)
16. Dr. Nisha Vikraman (BOS Member)
17. Smt. Nimmi Jacob (BOS Member)

Dr. Thara Sebastian
Chairman, Board of Studies in Home Science

PREFACE

As an autonomous college under Mahatma Gandhi University, St. Teresa's College has taken conscientious efforts to strengthen the curriculum by retaining all the fundamental stipulations of the University/Higher Education Council, to ensure a well-balanced Curriculum. Within the constraints of a prescribed syllabus, we have resolved to take a collective effort to create an inspiring academic culture in the institution, essential for teachers and students to access deeper knowledge and participate in its expansion and transmission. It is also to re-articulate the almost lost or forgotten fact that production and transmission of Quality Knowledge, essential for the development of students in particular and society in general, are the primary functions of any Educational Institution.

In order to make education more relevant and to create a skilled workforce, our college initiated six UGC skill-based programmes in 2020. The syllabus formulation of 2020 aims to provide the students many opportunities to engage with authentic, real world learning. This has been evident through the significant number of new Programmes introduced at the wake of autonomy in 2014 with their integral placement opportunities. Increasingly, however, opportunities for engagement in work-based learning that can be provided through the curriculum across a range of subject areas are creating new and exciting ways to support student learning.

I acknowledge the efforts taken by the teachers in developing Programme and Course outcomes that focus on cognitive and intellectual skills of the learners, confidence to carry out independent and scholarly research in areas of professional interest to them and to position themselves globally effective cross- cultural educators.

I congratulate the efforts taken by the Principal, Dr. Lizzy Mathew, Senior administrator Dr Sajimol Augustine M. and the team for structuring the syllabi under the leadership of Smt. Shanty B.P. in a meaningful manner. We look forward to sharing with you the outcomes of our structuring of the syllabus and these resources we hope will enable you to reflect on learning gain in our own institution.

DR. SR. VINITHA (CELINE E.)
DIRECTOR, ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM

FOREWORD

Education is the key to achieve sustainable national development which will uplift society. Today the educational system is in a phase of transition and a paradigm shift is the need of the hour. The challenge before us is to impart necessary skills to students as the economy needs more skilled workforce than that is available.

Autonomy in the field of higher education implies responsibility and accountability and this in turn leads to excellence in academics and proactive governance. St Teresa's College was given autonomous status in the year 2014 and we have made concerted attempts to maintain a high level of quality in the standard of education. In 2019, the college has been re-accredited with A++ grade (CGPA 3.57)

The Board of Studies constituted for each department meet regularly in the stipulated time frame and in-depth discussions are conducted about the different dimensions of the curricula and syllabi. The responsibility that autonomy has placed on us is indeed onerous but we have striven together to meet the challenges that we have faced in our way. All effort has been made to nurture academic ambitions and to upgrade skills in curricular and co-curricular activities of the students.

The college has initiated UGC skill-based programmes in the year 2015. As the economy needs more skilled workforce, the college was sanctioned with six new skill-based programmes in 2020 under National skills Qualification Framework (NSQF). The syllabi for these programmes were formulated taking note of the requirement for skill development among students as per the NSQF guidelines.

With sincere gratitude, I acknowledge the unstinted support and constant guidance extended by Rev. Sr. Dr. Vinitha, the Director and Dr. Sajimol Augustine, Senior Administrator of the College.

I specially thank the team headed by Smt. Shanty B. P. and Smt. Nimmi Jacob for structuring the syllabi, the Heads of the Departments and all the faculty members for their diligence, commitment and exceptional contribution towards this endeavour.

Dr. Lizzy Mathew
PRINCIPAL, ST. TERESA'S COLLEGE (AUTONOMOUS)

Acknowledgement

The Department of Home Science, St Teresa's College (Autonomous), Ernakulam is in the 62nd year of establishment, and is one of the best departments for Home Science education in Kerala, with three P.G. specialisations, M.Sc. Child Development, M.Sc. Resource Management and Interior Designing and M.Sc. in Food Science and Nutrition.

Home Science integrates the application of various disciplines of Science and Humanities and is a scientific course of study which mould students with a variety of life skills. In this context, the Home Science department is very happy to introduce the Diploma in "*Interior and Exterior Space Designing*", a one-year diploma skill-based course, for developing the designing skills in line with confidence and Professionalism. This is in tune with the UGC's skill development based higher education policy to make education more relevant and to create a skilled workforce.

I hereby acknowledge the support and encouragement rendered by the Director of the college, Dr. Sr. Celine E. (Sr. Vinitha) without whom this course would not materialize. I wish to acknowledge the guidance given by the Principal Dr. Lizzy Mathew. I am grateful to all the BOS members of the department and the external experts who played a pivotal role in offering their valuable inputs to shape the contents and structure of the syllabus. A great deal of thanks to Smt. Rose Mary Francis, Assistant Professor, Dept of Home Science, who worked hard to co-ordinate the structuring and conceptualization of the course.

We are indebted to Sri. Jayaprakash Narayan, Director, Sanskrithi School of Interior Design and Mr. Shiju Sasidharan, CEO, Bimlabs ES Pvt Ltd. Kochi for accepting our proposal and entering into an MoU with our Institution for the conduct of this skill-based Diploma in '*Interior and Exterior Space Designing*' signing the Memorandum of Understanding (MoU) with the dept of Home Science to aid in the conduct of the diploma course.

Finally, special thanks to the Curriculum Committee and Academic Council Experts of the college for approving the course, after an in-depth discussion leading to modification of the scheme and syllabus of the course. I thank God almighty for his blessings which has enabled the smooth formulation of the course.

Dr. Thara Sebastian

HOD, Dept of Home Science &

Chairman, Board of Studies in Home Science

CURRICULUM AND SYLLABUS 2020 ADMISSION ONWARDS

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DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING

(2020-21 admission onwards)

UGC SPONSORED DIPLOMA PROGRAMME IN INTERIOR AND EXTERIOR SPACE DESIGNING

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 so as 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 to 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 to know how they can create new ideas, thoughts and also to execute them in real form. In addition to 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 the preparation of 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 be able to 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 types of layout designs for Plumbing, Electrical, Lighting, Air Conditioning, etc. The trainee will be able to check, identify, analyse, and draw the Interior jobs and take it to a professional level.

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 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 acquire in order to be certified for that level. Each level of the NSQF is described by a statement of learning outcomes in five domains, known as level descriptors.

These five domains are:

- a. Process
- b. Professional Knowledge
- c. Professional Skill
- d. Core Skill
- e. Responsibility

The broad Learning Outcome** 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 Eco-friendly 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 is Plus 2 passed

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 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 curriculum which are 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:

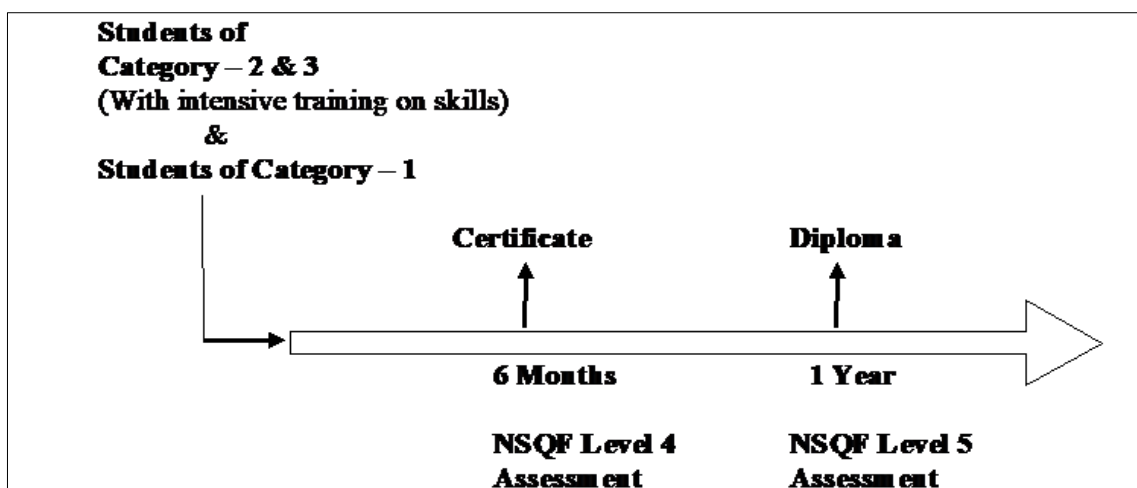
Category – 1: students already acquired NSQF certification Level 4 in a particular industry sector and opted admission in the courses under Competency Skill Curriculum in the same trade with a job role for which he / she previously certified at school level.

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 in 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 6 months 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 skilling 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 award certificate.

4.11. Career Opportunities:

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

- Instructor in training institutes
- Interior Designers.
- Interior Decorators
- Interior Design Consultants.
- Home Product Analysts
- Columnists in Design Journals
- Florists
- Draughtsmen
- Floral and Handicraft Designers.
- 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> <ul style="list-style-type: none"> • Interior and Event Decorators • 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
Semester II	<p>at Level 5 Code: 3432.0100 - Interior Designer</p> <ul style="list-style-type: none"> • 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

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 (d) Internship, field visit 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 2 months of internships.**

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 **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.:**
VID1G01D20, VID1SP01D20

V	⇒	Vocational Studies
ID	⇒	Interior and Exterior Space Designing
1	⇒	Semester
G / SP / SI	⇒	General Education Component(G)/ Skill Practical (SP)/ Skill Internship (SI)
01	⇒	Serial number of the course
D/ B / M	⇒	Diploma / Bachelor's / Master's
20	⇒	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 **7** theory papers distributed as general and skill components. There are **6** general education components distributed in the first and second semester. The **1** skill theory component is in the second semester.

Practical Courses

There are **5** 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 **2** internships for a period of one month each in an Interior design firm / architect's office / in a software training institute under the guidance of a practising designer / instructor for gaining practical experience in the field. Internships are there in both the semesters having **3** credits each.

8. SCHEME OF THE PROGRAMME

NSQF level	Skill Component level	General Education Component level	Normal calendar duration	Awards
4	18	12	One Semester (6 months)	Certificate
5	18	12	Two Semester (12 months)	Diploma

SEMESTER I					
COURSE NO:	COURSE TITLE	GENERAL EDUCATION COMPONENT/ SKILL 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	3	54
3	Basics of Design Theory	General Education Component	Theory	4	72
TOTAL CREDITS				12	
4	Fine Arts and Crafts	Skill Component	Skill Practical	5	90
5	Basics of Technical Drawing	Skill Component	Skill Practical	5	90
6	Technical Drawing Practice (Practical)	Skill Component	Skill Practical	5	90
7	CAD Training (Internship)	Skill Component	Skill Internship	3	
TOTAL CREDITS				18	
TOTAL CREDITS (General Education Component + Skill Component)				30	

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	Entrepreneurship Development	General Education Component	Theory	4	72
10	Design in Everyday Life	General Education Component	Theory	4	72
	TOTAL CREDITS			12	
11	Exterior Space Designing	Skill Component	Skill Theory	5	90
12	Advanced Drawing Skills	Skill Component	Skill Practical	5	90
13	Presentation Skills Using Software	Skill Component	Skill Practical	5	90
14	Internship / Project (Two months) **	Skill Component	Skill Internship	3	
	TOTAL CREDITS			18	
	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 is as follows.

SEMESTER	TITLE OF THE COURSE	COURSE DESCRIPTION	COURSE CODE	CREDIT & HOURS				TOTAL MARKS	
				SKILL		GENERAL		ISA	ESA
				CREDITS	HOURS	CREDITS	HOURS		
I	English for Communication - I	General Education Component	VID1G01D20	-	-	5	5	20	80
	Office Management - IT skills and Bookkeeping	General Education Component	VID1G02D20	-	-	3	3	20	80
	Basics of Design Theory	General Education Component	VID1G03D20	-	-	4	4	20	80
	Fine Arts and Crafts (Practical)	Skill Component	VID1SP01D20	5	5			20	80
	Basics of Technical Drawing	Skill Component	VID1SP02D20	5	5	-	-	20	80
	Technical Drawing Practice (Practical)	Skill Component	VID1SP03D20	5	5	-	-	20	80
	CAD Training / Internship (One month)	Skill Component	VID1SI01D20	3	-			20	80
TOTAL CREDITS (SEMESTER I)				18 + 12 = 30					

II	English For Communication – II	General Education Component	VID2G04D20	-	-	4	4	20	80	
	Entrepreneurship Development	General Education Component	VID2G05D20	-	-	4	4	20	80	
	Design in Everyday Life	General Education Component	VID2G06D20	-	-	4	4	20	80	
	Exterior Space Designing	Skill Component	VID2SP04D20	5	5			20	80	
	Advanced Drawing Skills	Skill Component	VID2SP05D20	5	5			20	80	
	Presentation Skills Using Software (Practical)	Skill Component	VID2SP06D20	5	5					
	Internship / Project (One month)	Skill Component	VID2SI02D20	3	-			20	80	
	TOTAL CREDITS (SEMESTER II)				18 + 12 = 30					
	TOTAL CREDITS (SEMESTER I + II)				30 + 30 = 60					

10. EXAMINATIONS

The external theory examination of all semesters shall be conducted by the College 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 **1: 4**. 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

Components of the Internal Evaluation and External and their marks are as below.

- **For all Courses Theory and Practical**
 - a) External examination : 80 marks
 - b) Internal evaluation : 20 marks

- **For All Theory Courses Without Practical**

Internal assessment components - Theory	Marks
Attendance	5
Assignment/ Seminar/ Viva	5
Test papers (2 x 5)	10
Total	20

- **Attendance:**

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

- **For All Practical Courses**

Internal Assessment Components	Marks
Attendance	5
Test Paper	10
Record *	5
Lab involvement	2
Total	20

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

- **For Internship #:**
 - a. **Marks of external assessment : 80**
 - b. **Marks of internal assessment : 20**

Bonafide reports of the project work or Industrial Visit conducted shall be submitted at the time of examination.

- **Evaluation for Internship**

Components of Internal Evaluation of Internship	Marks
Attendance	5
Punctuality	5
Field Involvement	10
Total	20

Components of External Evaluation of Internship Report	Marks
Demonstration and Presentation	40
Viva Voce	20
Internship Report	20
Total	80

10.2. Internal Assessment Test Papers

Two internal test- papers are 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 teaches the course.

10.3. End-Semester Assessment:

The End-Semester examination of all courses shall be conducted by the College 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 Practical courses	Marks
Practical Examination	60
Record	15
Viva	5
Total	80

10.4. Pattern of Question Papers (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 **3** parts. Part **A** contains **12** objective type questions of which **10** are to be answered. Part **B** contains **9** short essay questions of which **6** are to be answered. Part **C** has **4** long essay questions of which **2** are to be answered.

Part	No. of Questions	No. of questions to be answered	Marks (for courses without practical)
A (Short Answer type)	12	10	10 x 2 = 20
B (Short Essay)	9	6	6 x 5 = 30
C (Long Essay)	4	2	2 x 15 =30

10.5. Practical Examinations

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

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 got certified from the concerned faculty of the institution. The students have to present the record for attending the practical examination.

10.6. 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+ - Excellent	9
75 to below 85	A - Very good	8
65 to below 75	B+ - 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

10.7. 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 one 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.

10.8. Credit Point and Credit Point Average

Credit Point (CP) of a course is calculated:

$$CP = C \times GP$$

C = Credit; GP = Grade point

Semester Grade Point Average (SGPA) of a semester:

$$SGPA = TCP/TC$$

TCP = Total Credit Point of that Semester

TC = Total Credit of that Semester

Cumulative Grade Point Average (CGPA) is calculated:

$$CGPA = TCP/TC$$

TCP = Total Credit Point of that Programme

TC = Total Credit of that Programme

10.9. Grade Point Average (GPA)

GPA of different courses are calculated:

$$GPA = TCP/TC$$

TCP = Total Credit Point of a Course

TC = Total Credit of that Course

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

GPA	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 internal examinations can re-do the same registering along with the End Semester Assessment for the same semester, subsequently
- There shall be no improvement for internal evaluation

SYLLABUS SEMESTER I

SEMESTER I: GENERAL EDUCATION COMPONENT

NAME OF THE COURSE: ENGLISH FOR COMMUNICATION- I

Course Code : VID1G01D20

Credits : 5 credits

Total Lecture Hours : 5 hours / week = 90 Hours

Course Outcome:

CO1: Create positive group communication exchanges and improve vocabulary and grammar

CO2: Identify main ideas and supporting details in academic listening and presentation

CO3: Develop speaking ability in English both in terms of fluency and comprehensibility

CO4: Manage reading speed of comprehension of Academic articles

CO5: Illustrate skills in written and interpersonal communication

CO6: Assess the different forms of communication to be applied according to the required situations

Syllabus Content

Module-1: Learning English (15 Hours)

The importance of English, uses of English; vocabulary-using a dictionary; Synonyms; Antonyms

Module-2: Essentials of English Grammar (25 Hours)

Sentence- Types of Sentences- Phrases; Articles- Paragraph Writing – Topic Sentences, Supporting Sentences, Concluding Sentences - Parts of Speech- Noun, Verb, Adjectives, Tenses, Modal Auxiliaries, Prepositions, Conjunction – Punctuation - Passive and Active Voice - Reported Speech – Prefixes – Suffixes

Module-3: Listening and Reading (20 Hours)

Barriers to Listening – Academic Listening - Reading Stories – Reading Newspaper

Module-4: Practical (30 hours)

How to use a Dictionary - Listening Comprehension- Engaging in Conversations - Descriptive Writing

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.

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VID1G01D20: ENGLISH FOR COMMUNICATION - I

Module No	Hours	Part A (2mark)	Part B (5marks)	Part C (15marks)
1	15	1	1	1
2	25	4	3	1
3	20	3	2	1
4	30	4	3	1

MODEL QUESTION PAPER

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING
SEMESTER – I**

VID1G01D20- ENGLISH FOR COMMUNICATION-I

MARKS: 80

TIME: 3 HOURS

PART – A: Answer any 10 out of 12 questions:

(10 x 2 = 20 Marks)

1. Match the following.

- | | |
|-----------|---|
| a. Except | - to think probably something will happen |
| b. Accept | - not including |
| c. Expect | - the range, distance |
| d. Extent | - to receive or take |

2. Fill in the blanks with suitable articles.
 - a. Copper is _____ useful metal.
 - b. I understand he is to marry _____ heiress.
3. Identify the following types of sentences.
 - a. It is a holiday tomorrow!
 - b. Are we going to the park today?
4. Write the antonyms of the following
 - a. Sharp
 - b. Honest
5. Fill in the blank spaces in the following sentences with the correct preposition.
 - a. We entered the classroom _____ the teacher's absence.
 - b. The watch is _____ the desk.
6. Convert the following sentence into passive voice-

Sara changed that flat tire.
7. What is active listening?
8. Study each set of four words and identify the odd one out.
 - i. Video, pizza, television, film,
 - ii. Lovely, good, nice, go out
9. Which are vowels in English language?
10. What does 'subj' & 'fig' mean in a dictionary?
11. Fill in the blanks with correct preposition:
 - a) Gardens are usually _____ the house.
 - b) The child took the medicine _____ the cold.
- 12.a. Sort out nouns and verbs:

{eat, teeth, germs, food, travel, working, body, friends }
- b. Match the following with the correct antonyms
 1. Small - dwarf
 2. Able - down
 3. Up - hero
 4. Afraid - confident
 5. Giant - horizontal
 6. Major - big

PART – B: Answer any 6 out of 9 questions:

(6 x 5= 30 Marks)

13. a. Put the apostrophe in the correct place:

1) Teachers room 2) The boys shirt 3) Doctors coat 4) The Principals office

b. Choose the correct option to fill in the blanks:

1) Some of the students _____ present at the workshop. (Was/were)

2) A new children's park _____ has been built in the city. (Has/have)

14.a. Complete the following with the appropriate clauses from the box:

[that my uncle gifted me, which you like]

1. You should take up a job _____.

2. Let me show you the camera _____.

b. Combine the words given below to make four compound words and complete the sentences. [Ground, out, town, play, spoken, home, self, centred]

1. The team has assembled in the _____.

2. Monica appears to be a _____ person. Do not be friendly with her.

3. I am planning to visit my _____ next week.

4. Riya is an _____ girl. However, her sister is an introvert.

15. a. Match the words with their antonyms

1. Achieve - descend

2. Demand - giant

3. Ascend - fail

4. Dwarf - supply

b. Identify the following types of sentences.

1. Is it snowing?

2. I cannot wait for the holidays!

16. Elaborate on why English is important for communication?

17. Write a paragraph on your first day in college.

18. Convert the following sentences from active to passive voice.

a) The police took three suspects to police headquarters for questioning.

b) Both contestants answered the question simultaneously.

c) Ram and Sita are going to watch the cricket match in the afternoon.

d) Mary ate 12 doughnuts at breakfast.

e) I made a mistake.

f) The dogs roamed the park.

19. Explain the process of listening and note taking.

20. Write the summary of a movie you watched recently.

21. Write an informal letter to your grandmother whom you have not met for the past 2 years describing the places you visited during your holidays

PART – C: Answer any two out of four questions:

(2x 15=30 Marks)

22. Explain: An apple a day keeps the doctor away.
23. Narrate the eventful Teresian week to your parents
24. Read the following passage and answer the questions:

Radha was at the nursing station at PV Nursing Home. She was waiting to go off duty. Just at that moment, a couple walked into the hospital. They were directed to meet nurse Radha. She quickly asked questions. She found that a continued stomach pain along with vomiting five times had brought the couple to the hospital. She took his temperature, which was normal. The sphygmomanometer gave his blood pressure to be slightly high. His pulse rate was recorded. She then checked the weight and height when he stood on the weighing scale. The complaint of ringing in the ears was made by him. When asked, the man said his name to be Mr. Sandesh Bhat. Mrs. Sharada Bhat told the nurse that she had a history of ear infection, but the ENT surgeon Dr. Ali Khan had helped in curing it. The various instruments in the nursing station made Mr. Bhat wish to just go away from all the white-coated people. He looked gloomy. Nurse Radha recorded all this and now she felt she could send them to Dr. Solomon with the details she had recorded. By this time the nurse, Elwina, came to relieve nurse Radha. She waited for Radha to come out of the consultation room. Before Radha left for home, she briefed nurse Edwina about the work and the patient who had come in.

Answer the following from the passage:

- a) What is the antonym of: i) quickly ii) high iii) past iv) gloomy 1 mark
- b) What are the 2 nouns (things) mentioned in the above passage. 1 mark
- c) What was the reason for ringing in the ears for Sandesh Bhat? 2 marks
- d) What were the symptoms that brought Sandesh Bhat to the hospital? 2 marks
- e) Frame sentences with the verbs: i) briefed ii) recorded 2 marks
- f) Pick out the verbs in the following sentences: 2 marks
 - i) They were directed to meet nurse Radha.
 - ii) By this time nurse Elwina came to relieve nurse Radha.
- g) From the passage, pick out the naming words (nouns) that refer to a person - 2 marks
- h) What does the sentence 'she was waiting to go off duty' mean? 2 marks
- g) What are the names of the doctor mentioned in the passage? 1 mark

25. The following conversation took place in the hostel where Raj was staying. The conversation is between Rahul Roy (Raj's guardian) and the warden. Re –arrange the words and phrases to form meaningful sentences. Write each sentence (or set of two or three sentences) in the space provided.

- a. a moment / wait / please
- b. can I do / hello / what / I'm the warden / for you (3 sentences)
- c. three Rajs / which /one do you / in the hostel / we have / want to meet (2 sentences)
- d. father/ died / the Raj / whose / in an accident

- e. provided / him back /yes / you / before 8:00pm/bring
- f. I take him / if / we / out /now / should be back / by 8:00pm
- g. Saw him / happier / when I / he was / than ever before/last year
- h. The most charming personality / he had / than I / knew him / and no one/better
- i. The saddest moment/the news /it was / of his death / of my life /when I heard
- j. With us / if / very happy / we could / I would be / take a friend
- k. To make / as possible / I want /not at all / Raj / as happy (2 sentences)

Rahul: hello! I'm Rahul Roy from Calcutta. I'd like to meet the warden.

Receptionist : a) _____

Rahul :Thank you.

Warden : b) _____

Rahul: I would like to meet Raj.

Warden; c) _____

Rahul : d) _____

Warden: Oh! Raj Verma, right?

Rahul: Is it possible for me to take him out?.

Warden: e) _____

Rahul: f) _____

Warden: How do you know Raj?

Rahul He's my friend's son. His father used to be a very good friend of mine.

g) _____.

Warden: Oh!

Rahul: he died in a road accident that very year.

Warden: I am sorry.

Rahul : h) _____

Warden I see.

Rahul : i) _____

Warden: Here's Raj.

Raj: Hello, uncle.

Rahul: How are you, Raj? I have come to take you out. Are you ready?

Raj : j) _____

Rahul: Of course-provided the warden has no objection.

Warden : k) _____

Rahul: Thank you

SEMESTER I: GENERAL EDUCATION COMPONENT

NAME OF THE COURSE: OFFICE MANAGEMENT-IT SKILLS AND BOOKKEEPING

Course Code : VID1G02D20

Credits : 3

Total Lecture Hours : 3 hours /week - 54 Hours

Course Outcome:

CO1: Manage personal office efficiently.

CO2: Exercise accounting and record keeping in office management.

CO3: Apply basic computing tools such as MS Office excel and PowerPoint effectively in work management

CO4: Operate internet, E-mail, websites etc in business communication and publicity

CO5: Develop online content for promotion and portfolio management

Syllabus Content

Module 1: Introduction to office management (10 hours)

- Definition and components of office management
- Planning and scheduling of office work
- Office administration

Module 2: Financial Management (10 hours)

Book keeping - Book keeping (Single and Double entry system), Books of Accounts, Journal, ledger, trial balance, balance sheet, Components of Cost, break even, profit analysis, Budget, Importance of Cost control, Methods of controlling cost.

Accounting and Record maintenance: Basic principles of accounting, assets, liabilities, cost accounting, material management, stock checking; Need, objectives, and types of records - Classification and indexing

Module 3: IT literacy and skill enhancement

(10 hours)

Basics of Computer, Basics of Operating System, WINDOWS, User interface of Windows OS, Use of External memory like pen drive, CD, DVD etc., Use of common applications- Mail id creation.

Word Processing and Worksheet: Basics of Excel worksheets, creating simple worksheets, use of simple formulas and functions. **Google Apps** – Google Doc, Google form etc.

Module 4: Computer Networking and Internet

(10 hours)

Basic of computer Networks (using real life examples), Definitions of Local Area Network (LAN), Wide Area Network (WAN), Internet, Concept of Internet (Network of Networks), Meaning of World Wide Web (WWW), Web browser, Website creation, Web page and Search Engines. Social media sites and its implication.

Information Security and antivirus tools, Do's and Don'ts in Information Security, Awareness of IT Act, types of cyber-crimes.

Module 5: Related Experiences:

(14 hours)

- Planning and scheduling of office work
- Preparation of income and expenditure account
- MS. Word, Excel, PowerPoint creation, use of mail, simple website development
- Audio visual presentations
- Visit to an Architecture office, KINFRA Park etc

References:

1. Chopra R.K. & Gouri P, 1981. Office management, Himalaya publications, N. Delhi
2. David A. De Cenzo, and Stephen P. Robbins, 1995, Fundamentals of Management- Essential Concepts and Applications
3. Krishna Murthy, Office Management, S. Chand Publications
4. Prasad, L.M, 2018, Principles and Practices of Management, Sultan Chand and Sons, N. Delhi
5. Prasanna Chandra, 1984, Financial Management Theory and Practice, Mc Graw Hill Edn. India, Bangalore
6. Sharma & Gupta, Office Organization & Management, Kalyani Pub. Ltd. Kolkata

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VID1G02D20-OFFICE MANAGEMENT- IT SKILLS AND BOOKKEEPING

Module	Hours	Part A (2 mark) 10 / 12	Part B (5 marks) 6 / 8	Part C (15 marks) 2 / 4
1	10	2	1	
2	10	3	1	1
3	10	2	2	1
4	10	2	2	1
5	14	3	2	1

MODEL QUESTION PAPER

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING
SEMESTER – I**

VID1G02D20 - OFFICE MANAGEMENT- IT SKILLS AND BOOKKEEPING

MARKS: 80

TIME: 3 HOURS

PART –A: Answer any 10 out of 12 questions (10 x 2= 20 Marks)

- 1. The main schools of management thought are:**
 - A. classical, human resources, systems, contingency
 - B. classical, human resources, systems, contextual
 - C. classical, human relations, systems, contingency
 - D. creative, human relations, systems, contingency

- 2. It all depends on the variables of a situation" best describes the**
 - A. classical approach
 - B. Human relations approach
 - C. systems approach

D. contingency approach

3. The observation of people at work that would reveal the one best way to do a task is known as

- a. scientific management
- b. classical management
- c. human relations management
- d. creative management

4. The founder of scientific management was

- a. Frederick Taylor
- b. Henri Fayol
- c. Elton Mayo
- d. Chester Barnard

5. The first management principles were developed by

- a. Frederick Taylor
- b. Charles Handy
- c. Henri Fayol
- d. Victor Meldrew

6. Studying the future and arranging the means for dealing with it is part of the process of

- a. organising
- b. commanding
- c. controlling
- d. Planning

7. Ensuring that everything is carried out according to plan is part of the process of the everyday tasks of management include:

- a) planning and creativity
- b) planning and leading
- c) publicity and loss adjustment
- d) plotting and leading

8. Interpersonal relation serve as -----(**Mistrust, intimacy, Mutual Trust, Empathy**)
9. One-way communication is known as -----(**Socratic method, Silent method, Didactic method, Arch Method**)
10. Affective attitude deals with ----- (**culture, opinion, interest**)
11. What is the use of a control panel?
12. What do you understand by the term 'recycle bin'?

PART B: Answer any 6 out of 9 questions (6 x 5= 30 marks)

13. What is the use of disk defragmentation? Why do we use an office assistant?
14. How can you create and save documents in Microsoft word?
15. What is a quick access toolbar?
16. What is the primary key?
17. Factors that affect the style of text in MS WORD. Explain any 2 functions of MS Excel.
18. Advantages of DBMS. Name any two types of DBMS.
19. Define the internet. Expand a) HTML b) www
20. Write a note on header and footer. Write a note on the different types of alignments.
21. How is a printer set up?

PART-C: Answer any two out of four questions (2 x 15= 30 marks)

22. Explain paragraph formatting in MS WORD.
23. What is a chart in Excel? Explain the different types of charts.
24. Explain e-mail creation and its components
25. Explain how to design a simple website with 2 software for the assistance

SEMESTER I: GENERAL EDUCATION COMPONENT

NAME OF THE COURSE: BASICS OF DESIGN THEORY

Course Code : VID1G03D20
Credits : 4
Total Lecture Hours : 4 hours / Week – 72 hours

Course Outcome:

- CO1.** Learn the Concept of Art, Design and Good taste in design.
- CO2.** Identify the influence of ancient design on current design practices and ability to adopt designs from the past.
- CO3.** Create compositions with Design Elements and Principles.
- CO4.** Administer colour and lighting style judiciously for Interiors.
- CO5.** Design space effects and illusions imaginatively.

Syllabus Content

Module 1: Art and Design in Daily Living (10 hours)

Art –Definition, Classification; Design-Definition and Purpose, Difference between Art and Design, Importance of Good Taste

Design Types and Sources-Characteristics–Functional, Structural and Decorative and Ideas of design. 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 of design and principles of designs

Module 3: Special Effects and applications using design elements (10 hours)

Optical Illusions, Illusions for Space Enhancement

Motif Development and Pattern Creation, Application of motif in objects suitable for interiors

Module 4: Colour

(12 hours)

Understand colour vocabulary and terminology- Develop a sense of colour combination, after effects of colour

Types of colour schemes based on the colour wheel, colour theory, colour characteristics, colour schemes, Exercises in informed application of basic colour properties and harmonies.

Understanding the psychology of colour perception.

Module 5: Lighting

(10 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

Module 6: Design History

(15 hours)

Introduction and basics of ancient and modern art and architecture – Greek, Roman, Egyptian, Chinese, Gothic, Renaissance, Indian, etc, and its influence on current designs 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:

1. Callender J.H. and Chiara J. (2009) Time Saver Standards for Architectural Design, Tata McGraw Hill, N. Delhi
2. Faulkner R. and Faulkner S. (1975), Inside Today's Home, Holt, Rinehart and Winston, London
3. Banister Fletcher (Sir), (1986) A History of Architecture, University of London, The Athlone Press, London
4. Gilliat M., (1981) The Decorating Book, Dorling Kindersley, London
5. Goldstein H and Goldstein V., Art in Every Day Life, Macmillan Company, New York
6. Inside Outside -The Indian Design Magazine, Business India Publishers, Mumbai
7. Insite- Magazine on Interior Architecture, IIID

8. Kasu Ahmed A (2004) Interior Design (6th Edn.) Sunrise Publishers, Mumbai
9. M.A. Varghese, Home Management, New Age International, N. Delhi
10. Panero, Julius and Zelnik, Martin (1980) Human Dimension and Interior Space: A Source Book of Design Reference Standards Watson-Guptill Publications, U.S.
11. Sharma, G. and Khanna, G (2008) Advance Interior Designing incorporating Vastu and Feng-shui, Indica Publishers, Delhi.

BLUE PRINT

VID1G03D20 - BASICS OF DESIGN THEORY

Module	Hours	Part A (2 mark) 10 /12	Part B (5 marks) 6 / 8	Part C (15 marks) 2 / 4
1	10	2	1	
2	15	2	2	1
3	10	2	1	
4	12	2	1	1
5	10	2	1	1
6	15	2	2	1

MODEL QUESTION PAPER

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING
SEMESTER – II**

VID1G03D20 - BASICS OF DESIGN THEORY

MARKS: 80

TIME: 3 HOURS

PART –A: Write Short notes on any 10 out of 12 (10 x 2 = 20 Marks)

1. Split complementary colour harmony.
2. Emphasis through positioning.
3. Psychological effect of blue colour.
4. Abstract design.
5. Flying Buttress
6. LED

7. Primary Colours
8. Aranmula Kannadi
9. Pattern
10. Motif
11. Ionic order
12. Colour wheel

PART -B: Answer any 6 out of 9 questions (6 x 5= 30 Marks)

13. Describe the types of lighting based on functions
14. Explain types of design with suitable picture
15. Illustrate the types of Rhythm
16. Comment on the application of lines in interior
17. Differentiate functional and decorative design
18. Illustrate different types of balance
19. Explain application of Texture in Interiors
20. Describe Prang's Colour system with proper illustration.
21. Differentiate between Design and Art with suitable figures

PART – C: Answer any two out of four questions (2 x 15 = 30 Marks)

22. Describe Salient features of Indian Architecture and develop a pattern for application on a furnishing from Indian traditional motif
23. Illustrate the types of lighting based on functions
24. Create Optical Illusions using different types of lines in a child's room
25. Explain how various principles of design helps in interior decoration.

SEMESTER I: SKILL COMPONENT

NAME OF THE COURSE: FINE ARTS AND CRAFTS (PRACTICAL)

Course Code : VID1SP01D20

Credits : 5

Total Lecture Hours : 5 hours / Week – 90 hours

Course Outcome:

- CO1. Illustrate using various media and materials
- CO2. Establish eye and hand coordination in studio and field observation
- CO3. Judge proportion, scale, and spatial relationships
- CO4. Experiment with principles of visual composition
- CO5. Identify and analyze the elements, principles and vocabulary of three-dimensional design
- CO6. Explore experimental methods of drawing and crafts

Syllabus Content:

Module 1: Free Hand Drawing (15 hours)

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

Module 2: Drawing & Painting: (15 hours)

- Foreshortening, perspective, eye-level, fixed point of Vanishing point, ratio- proportion, sketching, drawing light and shade, Still life objects and live models - anatomy, landscape, vertical, horizontal, two and three dimensional, transparent and opaque.
- Materials: Paper (Cartridge, Hardboard, Handmade, etc.) Pencil, water, acrylic colour, transparent (Any 2)

- Media of Composition: Collage, Mosaic, Painting, Mural, Fresco, Batik, Tie and Dye (Any 2)
- 2) Exercises in the various painting mediums- watercolour, acrylic, oil etc. (Any 2)

Module 3: Rendering and Colouring exercises

(15 hours)

- Rendering with pencil and pencil colour.
- Draft the Interior space design with the help of colour scheme, Observing the basic historical and contemporary aspects of colour. critical thinking and problem-solving skills by the use of colour through visual media, Drawings in colour with the use of light and shade, material textures and tonal values
- Proportion and tonal value explorations in the observational study of room settings.

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.
- Techniques and fabrication by the use of materials such as plaster, wire, clay, wood, paint, board, paper, etc.
- Model making of simple and complex objects

Module 5: Graphics and Applied Art

(15 hours)

- **Graphics:** Technical skills related to graphics, relief printing, etching, silk screen printing, Cut and paste methods, design idea generation, Graphic symbols in interior spaces
- **Applied Art:** Book cover design and illustration, cartoon, POP ART, poster, advertisements, animation and printing processes, photography, computer-graphic, hoarding and T.V (Any 2), Explore ideas, form, content and meaning through various modes of art and design- photography, photomontage, collage, audio-visual projections, animations etc. (Any 2)

Module 6: Design Theory interpretations through student projects

(15 hours)

- 3-dimensional design and creative ideas to help foster artistic awareness.
- Creation of art objects– collage work, flower making, decoupage, macramé, papier mâché, greeting cards, glass painting, candle making, pot painting, quilling, etc. Wealth from Junk- through Reuse, Reduce, Recycle, Upcycle etc.

- **Portfolio Assessment:** The Art Portfolio will consist of a compilation of all art works, from sketch to finished product. (Any one from each module)

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

VID1SP01D20- FINE ARTS AND CRAFTS (PRACTICAL)

Modules	Marks (40)
1	1
2	
3	
4	
5	
6	

MODEL QUESTION PAPER

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING
SEMESTER – I**

VID1SP01D20- FINE ARTS AND CRAFTS (PRACTICAL)

MARKS: 80

TIME: 3 HOURS

1. Draft the Interior space design with monochromatic colour scheme: 20 Marks
2. Design a Cover page for a Children's Magazine : 20 Marks
3. Practical Record and Portfolio : 20 Marks
4. Viva : 20 Marks

SEMESTER I: SKILL COMPONENT

NAME OF THE COURSE: BASICS OF TECHNICAL DRAWING

(PRACTICAL)

Course Code : VID1SP02D20

Credits : 5

Total Lecture Hours : 5 hours /week = 90 hours

Course Outcome:

- CO1.** Operate various drawing instruments
- CO2.** Visualise engineering technical drawings
- CO3.** Create basic plans and views
- CO4.** Develop attractive visual presentations
- CO5.** Identify Graphic symbols and abbreviations

Syllabus Content

Module 1: Interior designing & drawing Tools and Instruments (10 hours)

- Identifying of drawing instruments layout of drawing sheets by doing small exercises in interior. Tools, equipment & instruments in Design drawing -drafting board, T scale, mini drafter (M.D), Set Square etc. and other small tools and materials
- Recognize & Layout of drawing sheet including title card

Module 2: Graphic symbols and abbreviations in design drawing (15 hours)

- Introduction to Indian standard institution
- 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- Graphics symbols for Door, windows and furniture of different material.
- Ergonomics for space planning, Anthropometric measurements required for space planning

Module 3: Code of practice for general interior drawing. (15 hours)

- Introduction & Importance of lines - Different types of lines
- Projection techniques - Types - Orthography, Metric Drawings / Parallel projection
 - Oblique
 - Axonometric
 - Isometric
- Functional planning - Preparation of Bubble diagram, Flow of Circulation chart, Line drawing, Drawings to Scale, Working drawings – Elevation and Sections
- Planning and designing of spaces with furniture layout, basic layout of furniture space planning and layout.

Module 4: Free hand and Scaled Drawings (15 hours)

- Introduction to Free hand sketches of graphic symbols.
- Free hand sketches of Graphic symbols for door windows, furniture, plumbing & sanitary, electrical, landscape
- Basic knowledge of geometrical shapes - Draw the simple composition of geometrical objects with help of scale. Draft the plan, elevation & sectional elevation & isometric view of geometrical solids- Cube, Cuboids, Triangular prism, Cylinder, Pyramid, Hexagonal prism, Hexagonal Pyramid, Cone

Module 5: Interior Design Methodology (15 hours)

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

Module 6: Practical / Related Experiences: (20 hours)

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:

1. Callender J.H. and Chiara J. (2009) Time Saver Standards for Architectural Design, Tata McGraw Hill, N. Delhi

2. Faulkner R. and Faulkner S. (1975), Inside Today's Home, Holt, Rinehart and Winston, London
3. Gill R.W. - The Thames and Hudson Manual of Rendering with Pen and Ink, Thames and Hudson, London
4. Hepler, D. E. & Wallach, P. I.- Architecture Drafting and Design
5. Noyes, Jan. Designing for Humans, Taylor & Francis Inc. London

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VID1SP02D20- BASICS OF TECHNICAL DRAWING (PRACTICAL)

Modules	Marks (40)
1	
2	
3	2
4	
5	
6	

MODEL QUESTION PAPER

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING
SEMESTER – I**

VID1SP02D20- BASICS OF TECHNICAL DRAWING (PRACTICAL)

MARKS: 80

TIME: 3 HOURS

1. 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) :20 Marks

2. Draw the one-point perspective view of the building / Draw the Two-point perspective of the living area :20 Marks

3. Practical Record and Portfolio : 20 Marks

4. Viva : 20 Marks

SEMESTER I: SKILL COMPONENT

**NAME OF THE COURSE: TECHNICAL DRAWING PRACTICE
(PRACTICAL)**

Course Code : VID1SP03D20

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 (10 hours)

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

Module 2: Flooring & Panelling (10 hours)

Types of floor finishing- method of constructing, mosaic, brick tiled etc. used in floors.

Flooring & Panelling Drawing details –tiled, timber, pattern, stone, mosaic, glass, carpets.

Details of wooden Panelling

Module 3: Paints & Polishing (10 hours)

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 4: Interior services (15 hours)

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

Lighting: 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 5: 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 6: Residential Project (15 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 7: 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-Guptill Publications, U.S.

BLUE PRINT

VID1SP03D20- TECHNICAL DRAWING PRACTICE (PRACTICAL)

Modules	Marks (40)
1	
2	
3	
4	1
5	
6	1
7	

MODEL QUESTION PAPER

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING
SEMESTER – I**

VID1SP03D20- TECHNICAL DRAWING PRACTICE (PRACTICAL)

MARKS: 80

TIME: 3 HOURS

1. Plan a Residential interior - planning of residential building in small scale. Present with floor Plan Layout with one elevations and section :10 Marks
2. Draw the one-point perspective view of the building / Draw the Two-point perspective of the living area :10 Marks
3. Practical Record and Portfolio : 20 Marks
4. Viva : 20 Marks

SEMESTER I: SKILL COMPONENT

COURSE: COMPUTER AIDED DESIGN (INTERNSHIP TRAINING)

Course Code : VID1SI01D20

Total Hours : 3 hours / week

Course Credit : 3

Course Outcome

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 on 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 false ceiling with Gyp board / POP board / Ply / Wood Types of ceiling - Grid , Coffered , Cove
- 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 of 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)

Module 7: Internship: (48 hours)

Introduction of CAD in Trade Theory and Practice on CAD with basic command in Trade Practical 3 hrs. per week are to be imparted throughout the semester.

- Expert lectures may be organized at regular intervals and when required.
- More emphasis to be given on video/real-life pictures during theoretical classes.
- Some real-life pictures/videos on the topics taught in this semester may be shown to the trainees to give a feel of industry & their future assignment.
- Students should maintain a record of all the practical work

BLUE PRINT

VID1SI01D20 - COMPUTER AIDED DESIGN TRAINING (PRACTICAL)

Modules	Marks (40)
1	
2	
3	
4	1
5	
6	1
7	

MODEL QUESTION PAPER

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING**

SEMESTER – I

VID1SI01D20 - COMPUTER AIDED DESIGN TRAINING (PRACTICAL)

MARKS: 80

TIME: 3 HOURS

1. Draft the design of a flooring pattern with finishing material
 - a) Marble / Vitrified tile/ PVC Laminated : 20 Marks
 - b) Specify the starting point of flooring, Specify the dimension & sizes: 20 Marks
2. Internship Record : 20 Marks
3. Viva : 20 Marks

SYLLABUS

SEMESTER II

SEMESTER II : GENERAL EDUCATION COMPONENT

NAME OF THE COURSE: ENGLISH FOR COMMUNICATION – II

Course Code : VID2G04D20

Credits : 4 credits

Total Lecture Hours: 4 hours/ week = 72 Hours

Course Outcome:

CO 1: Practice the formal elements of specific genres of written communication: letters, email, resume, essays notices, reports.

CO 2: Develop soft skills for presentation and formal communication through individual and group activities.

CO 3: Employ verbal/oral communication skills to communicate effectively and appropriately in real-life situations.

CO 4: Illustrate a writing style that aids and enhances communication

CO 5: Apply knowledge of different forms of communication and language processes in various contexts

Syllabus Content

Module-1 Speaking (15 Hours)

Describing Places, Events and Things – Introducing Oneself - Participating in Conversation - Telephone Skills - Interviews - Dealing with Authorities and Subordinates

Module-2 Writing Models (15 Hours)

Letters - Covering Letter- e-mail – Resume - Writing Reports – Minutes – Notices - Filling Application Forms

Module-3 Presentation Skills (20 Hours)

Soft Skills for Presentations - Effective Communication Skills- Body Language - Choosing Appropriate Medium - Flip charts – PowerPoint Presentation

Module - 4 Practical (22 Hours)

Listening and Note Taking - Listening to announcements – Self Introduction - Mock Interview

References:

1. Sasikumar V., Kiranmai Dutt P and Geetha R. (2002). Communication Skills in English, Cambridge University Press India Pvt. Ltd. under the imprint of Foundation Books.
2. Anuradha S. (1999). Comprehension Success 2, Frank Educational Aids.
3. Patricia. A. B. (2003). Grammar Made Easy 2, Vikas Publishing House Pvt Ltd. New Delhi.
4. Poonam. L. (2006). My big book of Comprehension, Ratna Sagar Pvt. Ltd. Hyderabad. ISBN.81-8332-063-5

BLUE PRINT

VID2G04D20: ENGLISH FOR COMMUNICATION - II

Module	Hours	Part A (2 mark)	Part B (5 marks)	Part C (15 marks)
1	15	2	2	1
2	15	2	2	1
3	20	4	3	1
4	22	4	2	1

MODEL QUESTION PAPER

ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM

DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING

SEMESTER – II

VID2G04D20 - ENGLISH FOR COMMUNICATION - II

MARKS: 80

TIME: 3 HOURS

PART – A Answer any 10 out of 12 questions: (10 X 2=20 Marks)

1.a. MATCH THE FOLLOWING.

Except to think probably something will happen
Accept not including

Expect the range, distance

Extent to receive or take

b. Fill in the blanks with suitable articles.

Copper is _____ useful metal.

I understand he is to marry _____ heiress.

2. a. Identify the following types of sentences.

It is a holiday tomorrow!

Are we going to the park today?

b. Write the antonyms of the following

Sharp

Honest

3. Fill in the blank spaces in the following sentences with the correct preposition.

We entered the classroom _____ the teacher's absence.

The watch is _____ the desk.

4. Convert the following sentence into passive voice-

Sara changed that flat tire.

5. What is active listening?

6. Study each set of four words and identify the odd one out.

Video, pizza, television, film,

Lovely, good, nice, go out

7. Which are vowels in English language?

8. What does 'subj' & 'fig' mean in a dictionary?

9. List 4 tips that you would suggest to your friend who is attending an interview as a Florist.

10. What are the details that you would include as Personal Details in your resume?

11. A computer is a machine which makes learning fun and easy. Do you use a computer in college or at school? If so, what do you use it for?

12. Imagine that you are talking to someone over the phone and you want to excuse yourself for a few seconds. How would you politely excuse yourself based on telephone etiquette?

PART B- Answer any 6 out of 9 questions:

(6 x 5= 30 Marks)

13. The following is a conversation between the sun and the moon: Complete the following:

Sun: I get tired, especially during winter. That's why I sleep a lot. I rise _____ in winter and go to bed _____.

Moon: As I feel tired, my size _____. After resting this way, I regain my strength and start increasing in _____.

14. Rearrange the jumbled words and make 2 meaningful sentences:

Are a / of / Video games / entertainment / source/ fun / and / very / But / children / they lazy/ make.

15. Why is body language important for communication?

16. Complete the dialogues:

A: Hello

B: _____

A: _____

B: _____

A: Thank you

17. How will you introduce yourself to a new teacher?

18. Make questions for the following answers:

(a). I stay at Gandhi Nagar.

(b). I have been working as a designer for the past 2 years.

19. What are the parts of a report writing?

20. Draft an email to your teacher requesting her to check the content of the booklet you have prepared on 'Space Planning in Kitchen' as part of your project.

21. All of us have dreams: some happy, some frightening. Describe a dream that made you feel happy.

PART – C: Answer any 2 out of 4 questions (2 x 15 = 30 marks)

22. Sushmitha has been unwell. She has not attended school for a month. When she returns to school, her teacher asks her about her health. Fill in the conversation.

- Teacher: Hello Sudha! What happened to you? Why were you absent for a month?
- Sushmitha: Ma'am, I have been ill _____.
- Teacher: What really happened?
- Sushmitha: One evening, I _____ and had to be admitted _____.
- Teacher: I see. What did the doctor _____?
- Sushmitha: He said _____. I was sent home after _____. He advised me to take rest for _____. That's why I could not _____.
- Teacher: How are you feeling now?
- Sushmitha: I am _____.
- Teacher: Well, try not to strain yourself.
- Sushmitha: Yes, _____.

23. The following advertisement was seen in the newspaper 'The Hindu' dated 9 December 2015. Write a covering letter applying for the post of a Draughtsman.

- Wanted Draughtsman / Drawing Assistant
- Fresher or an Experienced Person
- Qualification: ITI / Certificate / Diploma / Degree in Interior Design
- Vacancies: 3 (On contract basis)

- Attractive Package
- Interested candidates should mail their resume to the following postal address on or before 20 December 2015.

To,
The Superintendent
Synergy Designs
Ernakulam-682028, Kerala

24. Write a notice to be distributed to the Kudumbasree unit about an awareness programme informing them about the venue, time, speaker and the awareness topic.

25. A wealth from waste workshop demonstration was held at your work place at 9:30 a.m. The senior staff presided over the meeting during which the following points were discussed:

- Topic for Discussion: Waste management and the proper disposal of waste
- Importance of zero waste produce
- How craft work plays a key role
- Organize awareness programs and teaching methods for recycling, reducing and reusing waste
- Implementation of the programme with government aid
- Need for evaluation after 3 months
- If successful, implementing it on larger scale
- Imagine that you were given the task of recording the minutes of the meeting, draft a report using the above-mentioned details.

SEMESTER II: GENERAL EDUCATION COMPONENT

NAME OF THE COURSE: ENTREPRENEURSHIP DEVELOPMENT

Course Code	: VID2G05D20
Credits	: 4
Total Lecture Hours	: 4 hours/ week = 72 Hours

Course Outcome:

CO1: Describe the concept of entrepreneurship and principles of managing

CO2: Explain the culture and benefits of being an entrepreneur

CO3: Assess the opportunities in the community and to develop those opportunities by applying personal experience, knowledge and expertise

CO4: Assemble an SSI by carrying out all official formalities associated with it.

CO5: Handle crisis situations associated with occupational safety and hazards

Syllabus Content

Module 1: Basics of entrepreneurship (15 hours)

- **Concept of Entrepreneurship:** Entrepreneur - Entrepreneurship - Enterprises - Performance & Record, Role & Function of entrepreneurs in relation to the enterprise & economy, Entrepreneurial opportunities and the process of setting up a business.
- **Project Preparation & Marketing Analysis:** Qualities of a good Entrepreneur, SWOT and Risk Analysis. Method of marketing, Publicity and advertisement, Marketing mix
- Preparation of project, various schemes and Institutes for self-employment. Idea for financing / non-financing support agencies.

Module 2: Entrepreneurship strategies for women empowerment (15 hours)

- **Investment Procurement:** Project formation, feasibility, Legal formalities i.e., Investment procedure - Loan procurement - Banking processes.
- **Personal Finance Management:** Banking processes, Handling ATM, KYC registration, Safe cash handling, Personal risk and insurance.

- **Manpower Management:** Effective Leadership and Communication, Employment-Staff Recruitment, Selection, Placement, Induction, Training, Evaluation and Appraisal
- **Concept of women entrepreneur** – problems – approaches to women empowerment– indicators – global initiatives (welfare and support services, socio-economic programme)

Module 3: Productivity:

(15 hours)

- **Benefits:** Personal/ Workman - Incentive, Production linked Bonus, Improvement in living standard. Affecting Factors: Skills, Working Aids, Automation, Environment, Motivation and productivity.
- **Labour Welfare Legislation:** Welfare Acts: Benefits guaranteed under various acts-
- **Basic Provisions:** Idea of basic provision legislation of India. Safety, health, welfare under legislation of India.
- **Quality Tools:** Quality Consciousness: Meaning of quality, Quality characteristic, Quality Management System: Idea of ISO 9000 and BIS systems and its importance in maintaining qualities. Quality Tools: Basic quality tools with a few examples.

Module 4: Occupational Safety, Health and Environment Education Duration (15 hours)

- **Occupational Hazards:** Types and possibilities of Hazards, Occupational health, Occupational hygiene, Occupational Diseases/ Disorders & its prevention. Introduction to occupational safety and health, Importance of safety and health at workplace. Accidents & Safety: Basic principles for protection, protective equipment. Accident prevention and control techniques & safety measures.
- **First-Aid:** Care of injured & sick at the workplaces, First-Aid & Transportation of sick people.
- **Ecosystem:** Introduction to Environment. Relationship between society and environment, Ecosystem and factors causing imbalance, Pollution - types and prevention, Energy Conservation need and practices. Environment Protection- Right attitude towards environment, Sustainable designing and Green construction practices.

Module 5: Related experience:

(12 hours)

- Visits to SSI, Women managed organizations, Banking sectors
- Develop a business plan and model that supports the strategy
- Identify the factors that influence selecting a location

- Identify the important issues brought about by the need to hire employees, especially women

References:

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

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VID2G05D20 - ENTREPRENEURSHIP DEVELOPMENT

Module	Hours	Part A (2 mark) 10 /12	Part B (5 marks) 6 / 8	Part C (15 marks) 2 / 4
1	15	2	2	1
2	15	3	1	1
3	15	2	2	1
4	15	3	2	1
5	12	2	1	

MODEL QUESTION PAPER

ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM

DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING

SEMESTER – II

VID2G05D20 - ENTREPRENEURSHIP DEVELOPMENT

MARKS: 80

TIME: 3 HOURS

PART –A: Answer any 10 out of 12 questions:

(10 x 2 = 20 Marks)

1. Interpersonal relation serves as (Mistrust, intimacy, Mutual Trust, Empathy)
2. Write short note on one-way communication

(Socratic method, silent method, Didactic method, Arch Method)

3. State how self-awareness is increased by **Jo-Hari window**
4. Affective attitude deals with -----(**culture, opinion, interest**)
5. Primary aim of designer is to provide (**education, research, client satisfaction**)
6. Which is essential for the growth of a democratic society?

(education, employment, values, healthy competition)

7. Which is the last stage of communication? (**encoding, response, decoding, encrypting**)
8. Doubts are resolved easily in -----(**lecture, demonstration, field trip**)
9. What is recruitment?
10. Define placement
11. What is energy Conservation?
12. Comment on is ESI

PART -B: Answer any 6 out of 9 questions

(6 x 5= 30 Marks)

13. Define organization. And list out the leadership style.
14. What is occupational hazards?
15. Enumerate the career opportunities in Interior Designing.
16. Explain the qualities of a leader.
17. Explain the principles of entrepreneur.
18. What are the principles of management?
19. Explain Welfare Acts at work sites
20. Explain problems and prospects of Women entrepreneurs.
21. Write a short essay about First Aid

PART – C: Answer any two out of three questions

(2 x 15 = 30 Marks)

22. Elaborate on the scope of Interior design in the career arena. How will you set up an office for Interior design works?
23. Explain about Personal Finance Management.
24. What is your responsibilities in sustainable construction?
25. Explain Quality Consciousness and characteristics. What is the importance of Quality Management in offices?

SEMESTER II: GENERAL EDUCATION COMPONENT

NAME OF THE COURSE: DESIGN IN EVERY DAY LIFE

Course Code : VID2G06D20

Credits : 4

Total Lecture Hours: 4 hours/ week = 72 Hours

Course Outcome:

CO1: Describe the concept of Interior Design

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

CO3: Asses the need and types of furniture, furnishings and accessories for homes

CO4: Identify and evaluate space requirement and availability in homes

CO5: Assess designs based on ergonomics and anthropometry

Syllabus Content

Module 1: introduction to Interior Design (10 hours)

- Interior Design- Importance & necessity 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, Bed linen,
- Window Treatments - Curtains and Draperies- Types and Styles, Accessories for Window Dressings, Dressing Up Windows Creatively,
- Accessories: Role in interiors, Study of Kerala Handicrafts and Indian Handicrafts, Basics of Flower Craft and Flower Arrangement, Bouquet making, Indoor Plants and Bonsai

Module 4: Space Design and Organisation

(15 hours)

Factors Influencing Life Space Designing - Functionality, aesthetics, Orientation, grouping, circulation, light, ventilation, flexibility, privacy, roominess, economy, services,

Ergonomics in Designing, Study of human measurement (anthropometric data) in work space planning, Designing for Differently abled persons

Module 5: Interior Space Organisation

(20 hours)

Principles of space planning for houses, Space requirement for various activities in various rooms; Size, layout, finishes, furniture, storage, furnishings, accessories, lighting and colour for various rooms

References:

1. Michell, G. (2000) Architecture and Art of Southern India. In: The New Cambridge History of India, Replika Press Pvt. Ltd., Delhi.
2. Oliver Heath (2004) Oliver Heath's Home Book, Cassel Illustrated, Britain
3. Panero, Julius and Zelnik, Martin (1980) Human Dimension and Interior Space: A Source Book of Design Reference Standards Watson-Guption Publications, U.S.
4. Parikh A., Robertson D., Lane T., Hilliard E. and Paine, M. (2000) The Ultimate Home Design Source book, Conran Octopus Ltd., London.
5. Pricilla Kohute (1999) Guide to Home Decorating-Indian Style, Grantha Corporation Pvt. Ltd, India
6. Grandjean, E (1985) Fitting the Task to the Man ñ An Ergonomic Approach, Taylor and Francis, London

7. Joshi. S (1998) Ergonomics, Dept. of Home Management, The M.S. University of Baroda, Vadodara.
8. Nag, P.K, Ergonomics and Work Design, New Age International (P) Ltd, New Delhi
9. Varghese, M.A, Saha P.N and Atreya, N (2000) Ergonomics of women at work, Allied Publishers Ltd., Mumbai Himalaya, Bombay

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VID2G06D20: DESIGN IN EVERY DAY LIFE

Module	Hours	Part A (2 mark) 10 /12	Part B (5 marks) 6 / 8	Part C (15 marks) 2 / 4
1	10	3	1	
2	12	2	2	1
3	15	2	2	1
4	15	3	2	1
5	20	2	1	1

MODEL QUESTION PAPER

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING
SEMESTER – II**

VID2G06D20: DESIGN IN EVERY DAY LIFE

MARKS: 80

TIME: 3 HOURS

PART –A: Write Short notes on any 10 out of 12 (10 x 2 = 20 Marks)

1. Flexibility
2. Indoor plants suitable for Living area
3. Anthropometry
4. Materials for Kitchen counter
5. Work Triangle
6. Diminutive Arrangement
7. Tapestry

8. Pashmina Carpet
9. Dummy spaces
10. Bonsai
11. Orientation
12. Handicrafts of Kerala

PART B: Answer any 6 out of 9 questions (6 x 5= 30 Marks)

13. What is the role of curtains?
14. Describe Interior design as a profession.
15. Comment the factors considered while selecting accessories for bedrooms
16. Explain briefly the current interior design trends around the world
17. List out the salient features of a modular Kitchen
18. Discuss the importance of storage in Kitchen
19. Enlist the types of light fittings
20. Discuss the role of accessories in Interiors
21. List out principles of flower arrangement

PART C: Answer any two out of four questions (2 x 15 = 30 Marks)

22. Elaborate on the factors Influencing Life Space Designing
23. Illustrate a triangular flower arrangement and area where you will apply it
24. Draw the layout of a U- shaped Kitchen
25. Enumerate the principles of planning a house

SEMESTER II: SKILL COMPONENT- THEORY

NAME OF THE COURSE: EXTERIOR SPACE DESIGNING

Course Code : VID2SP05D20

Credits : 5

Total Lecture Hours: 5 hours/ week = 90 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.** Create appropriate landscape design for buildings.
- CO4.** Apply principles of landscape gardening appropriately
- CO5.** Acquire skills in selection of different garden plants
- CO6.** Develop entrepreneurial skill in landscaping and gardening

Syllabus Content

Module 1: Landscaping essentials Landscape Gardening (15 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 (15 hours)

- **Plants:** Trees, Herbs – annuals and biennials, 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 such as ponds, Rockery, trellis, fountains, Grotto, bird's bath, garden lighting and garden furniture. Modern trends in gardening, Indoor gardens and Atrium

- **Lawns:** Importance of lawn, methods of lawn making, maintenance and care, type of lawn grasses.

Module 3: Landscape design

(15 hours)

- **Site analysis:** Site analysis with respect to topography and existing features; slopes, drainage; soil types and layers; sensitive areas and natural ecosystem; vegetation and tree survey etc.
- Principles of external space organization- Residential and Commercial layouts
- Techniques of landscape construction; Introduction to planting design and plant selection.

Module 4: Green Practices in Gardening

(10 hours)

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

Module 5: Garden Care:

(15 hours)

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

Module 6: Related Experience:

(20 hours)

- Visits to Public and Private Gardens and Plant Nursery
- Preparation of the layout of landscaping suitable for residential building / institutions / public buildings

Suggested Texts and References:

1. Aquaa, George. 2005, Horticulture: Principles and Practices, Pearson Prentice Hall, USA, ISBN: 20059780131144125
2. Bose & Chowdhary, 1991, Tropical Garden Plants in Colour, H & A Publishers, Calcutta.

3. Krishen, Pradip. 2006, Trees of Delhi. Dorling Kindersley.
4. Lynch, Kevin, 1977, Site Planning. The MIT Press, Cambridge.
5. Mani Bhushan Rao, Textbook of Horticulture, Macmillan India Ltd., New Delhi
6. McHarg, Ian. 1986. Design with Nature. Laurie M., An Introduction to Landscape Architecture, Elsevier.
7. Root, James, 1985, Fundamentals of Landscape and Site Planning, Avi Publishing Company, London
8. Swarup, V. 1997, Ornamental Horticulture, Macmillan India Ltd., Chennai

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VID2SP05D20 - EXTERIOR SPACE DESIGNING

Module	Hours	Part A (2 mark) 10 /12	Part B (5 marks) 6 / 8	Part C (15 marks) 2 / 4
1	15	2	1	1
2	15	2	1	1
3	15	2	1	1
4	10	1	1	
5	15	2	2	
6	20	3	2	1

MODEL QUESTION PAPER

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING
SEMESTER – II**

VID2SP05D20 - EXTERIOR SPACE DESIGNING

MARKS: 80

TIME: 3 HOURS

PART –A : Write Short notes on any 10 out of 12 (10 x 2 = 20 Marks)

1. Mughal Garden
2. pruning
3. Plants used in water garden

4. Perennials
5. Floriculture
6. Drip irrigation
7. Garden adornments
8. Zen Garden
9. Garden Furniture
10. Bonsai
11. Features of Moon garden
12. Pergola

PART -B: Answer any 6 out of 9 questions (6 x 5= 30 Marks)

13. What is terrarium? List out the steps in preparation of Terrarium
14. Explain the role of trees in landscaping.
15. Enumerate the factors considered while selecting plants for landscaping
16. Explain various methods of lawn making
17. List out the salient features of a formal garden
18. Discuss the significance and scope of flowers in Interiors
19. Classify and discuss ornamental plants
20. Explain various garden components which add beauty to home garden
21. List out the routine duties in a garden

PART – C: Answer any two out of four questions (2 x 15 = 30 Marks)

22. Explain the principles of external space organization in landscaping
23. Illustrate the layout of a commercial indoor garden in a software office work space
24. Draw the layout of a small Residential Kitchen Garden
25. Explain nipping and wiring technique used for creating a bonsai

SEMESTER II: SKILL COMPONENT

**NAME OF THE COURSE: ADVANCED DRAWING SKILLS
(PRACTICAL)**

Course Code : VID2SP06D20
Credits : 5
Total Hours : 5 hours /week - 90 hours

Course Outcome:

- CO1. Propose residential plans with accuracy and precision
- CO2. Draft the structural components of buildings
- CO3. Illustrate one and two points perspective view
- CO4. Prepare presentations using PowerPoint
- CO5: Schedule suitable structural components as per the space and theme

Syllabus Content

Module 1: Draw residential plan with necessary working drawing (15 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 (15 hours)

Preparing drawing: Basic concept of section of a building through toilet & balcony introducing the beam & column.

Basic knowledge of i. Mezzanine floor a) Temporary b) Semi permanent ii. Stone masonry & types iii. Brick masonry & types iv. Lintels & types v. Arches & types and terminology vi. Sunshade

Module 3: Draw different types of Structural components of a building (20 hours)

Stair case: Requirement and placement of good Staircase. Basic terminology of R.C.C. Staircase. Types of Staircase - Model of Staircase: - Demonstration of R.C.C. Staircase with the help of respective models.

Prepare drawing with technical details of the R.C.C. Stair case, i. Straight Staircase. ii. Open newel Staircase. iii. Dog legged Staircase. iv. Bifurcated Staircase, Calculation of Staircase (trade and riser)

Module 5: Draw doors and windows & details (15 hours)

Wooden Doors & Windows -Introduction of hardware fitting in door & windows with dimension, Fixture and fastening a) hinges, b) bolts, c) handles d) locks

Types of Doors - Placement of door & windows regarding circulation of space -Definition of technical terms of doors & window, Size of doors & windows, ventilators

Model of Door and window: - Demonstrate doors and windows with the help of respective models. - Preparing for the plan, elevation & section of different types of doors

Preparing for the plan, elevation & section of different types of windows

Module 4: Analyse and uses of paints, polish and varnish. (10 hours)

Paints and polishing/varnishing: Types of paints, Painting techniques i. By Brush ii. By Roller iii. By spray gun Paintings defects and remedies. Introduction of polish and varnish: Method of preparation and types of polish on wood. Types of varnishes, Techniques of paints, polishing & varnishing on surfaces. Recognize the tool & equipment and their uses, estimate quantity of materials used on surface and labour cost

Module 5: Presentation with animation (15 hours)

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, ISBN0: 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

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VID2SP06D20- ADVANCED DRAWING SKILLS (PRACTICAL)

Modules	Marks (40)
1	1
2	
3	1
4	
5	

MODEL QUESTION PAPER

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING
SEMESTER – II**

VID2SP06D20- ADVANCED DRAWING SKILLS (PRACTICAL)

MARKS: 80

TIME: 3 HOURS

1. Drafting of Residential Plan (Any Room): **: 40 Marks**
 - Concept plan with circulation flow
 - Basic furniture layout plan with working drawing
 - Wall elevation with dimension and specification and details
 - Rendering the plan & perspective.
2. Practical Record **: 20 Marks**
3. Viva and PowerPoint presentation of One building component : **20 Marks**

SEMESTER II: SKILL COMPONENT

NAME OF THE COURSE: PRESENTATION SKILLS USING SOFTWARE

Course Code : VID2SP07D20

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 -i. One pipe system, ii. Single stack system, iii. Single stack (partially ventilated system), iv. Two pipe 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. Rain water 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, Make Top plan, side elevation, and front elevation of all sanitary plumbing fittings with dimension,

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 ii. Indirect lighting iii. Diffused lighting iv. Concealed lighting Variety of lamps i. Incandescent ii. Tungsten halogen iii. Fluorescent iv. Mercury v. Sodium vapour vi. LED Electrical accessories i. Switches & sockets with box ii. DB (distribution board) & MCB iii. Lamp holders iv. Ceiling roses
- Layout plan of false ceiling with lighting position, dimensions and specifications.
- Layout of electrical plan & elevation along with switch board, electrical fittings & light fittings on wall with dimension. Introducing LAN/ CCTV/ Biometric/ Speaker/ Smoke Detector

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

- Air conditioning: Introduction of Air Conditioning, Principle of Air Conditioning,
- 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

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VID2SP07D20- PRESENTATION SKILLS USING SOFTWARE (PRACTICAL)

Modules	Marks (40)
1	1
2	
3	
4	
5	

MODEL QUESTION PAPER

ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM

DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING

SEMESTER – II

VID2SP07D20- PRESENTATION SKILLS USING SOFTWARE (PRACTICAL)

MARKS: 80

TIME: 3 HOURS

1. Prepare a Beauty parlour with the following details. Specify the dimension & sizes.

- a) Layout plan : 10 Marks)
- b) One Elevation : 15 Marks)
- c) 3 D view : 15 Marks

2. Record : 20 Marks

3. Viva : 20 Marks

SEMESTER II: SKILL COMPONENT

NAME OF THE COURSE: INTERNSHIP

Course Code : VID2SI02D20

Credits : 3

Total Hours : 3 hours / week

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 Kitchens- planning, sectional elevation, with materials & specification - CAD Drawing - estimation of interiors works.
- III.** Designing one room Apartments / Studio: One room- Preparation of complete Interior Layout / CAD Drawing - estimation of interiors works.
- IV. Project (Any two)**
 - a)** Exercise on creativity in using waste materials
 - b)** Model making for developing skill of various shapes & colours etc.
 - c)** Plan elevation and views - one room interior.
 - d)** Make a Furniture file with different types of furniture & furniture style. With plan, elevation & section (Any 3 furniture)

V. Compulsory Project Work – Market Study and Presentation

Market survey for:

Any of the following or any new materials 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 product 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 Power Point or video)

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

BLUE PRINT

VID2SI02D20 - FIELD WORK / PROJECT WORK / TRAINING

Modules	Marks (40)
I	1
II	
III	1
IV	
V	
VI	

MODEL QUESTION PAPER

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
DIPLOMA IN INTERIOR AND EXTERIOR SPACE DESIGNING**

SEMESTER – II

VID2SI02D20- FIELD WORK / PROJECT WORK / TRAINING

MARKS: 80

TIME: 3 HOURS

1. Record / Demonstration / Presentation -

- Crafts / Models/ Design Drawings : 40 marks

2. Project Report (Market Survey / Industrial Visit) : 20 Marks

3. Project Viva : 20 Marks

