

Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)
Approved by Government of Tamil Nadu and Accredited by NAAC with 'A++' Grade (3rd Cycle-3.64 CGPA)
Dr. N.G.P. – Kalapatti Road, Coimbatore-641048, Tamil Nadu, India
Web: www.dnrgpasc.ac.in | Email: info@dnrgpasc.ac.in | Phone: +91-422-2369100

REGULATIONS 2022-23 for Under Graduate Programme (Outcome Based Education model with Choice Based Credit System)

B.Sc. Degree

(For the students admitted during the academic year 2022-23 and onwards)

Programme: B.Sc. Costume Design and Fashion

Eligibility

A candidate who has passed in Higher Secondary Examination with any Academic Stream or Vocational Stream as one of the subjects under Higher Secondary Board of Examination and as per the norms set by the Government of Tamil Nadu or an Examination accepted as equivalent there to by the Academic Council, subject to such conditions as may be prescribed thereto are permitted to appear and qualify for the **Bachelor of Costume Design And Fashion Degree Examination** of this College after a Programme of study of three academic years.

Programme Educational Objectives

The Curriculum is designed to attain the following learning goals which students shall accomplish by the time of their graduation:

1. To educate the students about textiles and garment industries
2. To train the students with technical knowledge in textiles / fashion designing and manufacturing processes
3. To enhance creativity in fashion designing and to develop entrepreneur skills
4. To impart managerial and merchandising abilities.



PROGRAMME OUTCOMES:

On the successful completion of the program, the following are the expected outcome

PO Number	PO Statement
PO1	To understand about design concepts to develop them exceptionally good
PO2	To analyze and apply knowledge of various process in textiles, design and fashion
PO3	To develop and apply critical thinking skills within the context of professional in apparel industry
PO4	To apply knowledge on advance technology and develop to communicate effectively
PO5	To develop entrepreneur skill management and team building



CURRICULUM

B.Sc. COSTUME DESIGN AND FASHION


Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
First Semester										
Part - I										
221TL1A1TA	Language - I	Tamil-I: Ikkala Ilakkiyam	4	1	-	3	50	50	100	3
221TL1A1HA		Hindi-I: Modern Literature								
221TL1A1MA		Malayalam-I: Modern Literature								
221TL1A1FA		French - I: Grammar, Translation and Civilization								
Part - II										
221EL1A1EA	Language - II	Professional English - I	4	-	1	3	50	50	100	3
Part - III										
222CF1A1CA	Core - I	Fundamentals of Textiles	4	-	-	3	50	50	100	4
222CF1A1CB	Core - II	Basics of Fashion Designing	4	-	-	3	50	50	100	4
222CF1A1CP	Core Practical - I	Textile Science Lab	-	-	6	3	50	50	100	3
224CT1A1IA	IDC - I	Computers in Garment Industry	4	-	-	3	50	50	100	4
Part - IV										
223MB1A1AA	AECC - I	Environmental Studies	2	-	-	-	50	-	50	2
Part - V										
222CF1A1XA	Extension Activity	NSS/NCC/ YRC/RRC/ Yoga/Sports/ Clubs					50	-	50	1
Total			22	1	7				700	24

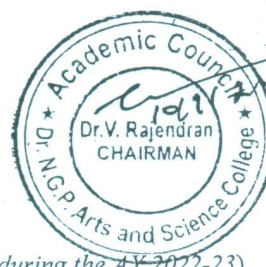
BoS Chairman/HoD
Department of Costume Design & Fashion
Dr. N. G. P. Arts and Science College
Coimbatore - 641 048



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APPROVED		
BoS - 13 th 08-08-2022	AC - 13 th 06-09-2022	GB - 18 th 10-09-2022



B.Sc. CDF (Students admitted during the AY 2022-23)

Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
Second Semester										
Part-I										
221TL1A2TA	Language-I	Tamil - II: Ara Ilakkiyam	4	1	-	3	50	50	100	3
221TL1A2HA		Hindi - II: Modern Literature								
221TL1A2MA		Malayalam - II: Modern Literature								
221TL1A2FA		French – II: Grammar, Translation and Civilization								
Part - II										
221EL1A2EA	Language-II	Professional English – II	4	1	-	3	50	50	100	3
Part - III										
222CF1A2CA	Core - III	Fundamentals of Pattern Making	4	-	-	3	50	50	100	4
222CF1A2CB	Core - IV	Sewing Technology	4	-	-	3	50	50	100	4
222CF1A2CP	Core Practical - II	Apparel Designing Lab	-	-	6	3	50	50	100	3
222CE1A2IA	IDC - II	Chemistry in Textiles	4	-	-	3	50	50	100	4
Part - IV										
221TL1A2AA	AECC-II	Basic Tamil	2	-	-	..	50	-	50	2
221TL1A2AB		Advanced Tamil								
225CR1A2AA		Human Rights/ Women’s Rights								
Part - V										
222CF1A2XA	Extension Activity	NSS/NCC/ YRC/RRC/ Yoga/Sports/ Clubs					50	-	50	1
Total			22	2	6				700	24

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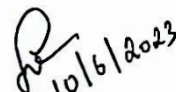
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BoS- 14 th 03.12.2022	AC - 14 th 19.01.23	GB - 19 th 30.01.23




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B. Sc. CDF (Students admitted during the AY 2022-23)


Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
Third Semester										
Part-I										
221TL1A3TA	Language-I	Tamil - III	3	1	-	3	50	50	100	3
221TL1A3HA		Hindi - III								
221TL1A3MA		Malayalam - III								
221TL1A3FA		French - III								
Part- II										
221EL1A3EA	Language-II	Professional English - III	3	1	-	3	50	50	100	3
Part-III										
222CF1A3CA	Core - V	Fabric Structure and Design	4	-	-	3	50	50	100	4
222CF1A3CB	Core - VI	Traditional Textiles and Costumes of India	4	-	-	3	50	50	100	4
222CF1A3CP	Core Practical-III	Children's Apparel	-	-	6	4	50	50	100	3
226BM1A3IA	IDC - III	Entrepreneurial Development	4	-	-	3	50	50	100	4
222CF1A3SP	SEC Practical-I	Fabric Structure and Design		-	4	3	50	50	100	2
Total			18	2	10				700	23



 10/6/2023
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BoS- 15 th 10.06.23	AC- 15 th 14.07.23	GB- 20 th 05.08.23.



Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
Fourth Semester										
Part-I										
221TL1A4TA	Language-I	Tamil-IV	3	1	-	3	50	50	100	3
221TL1A4HA		Hindi-IV								
221TL1A4MA		Malayalam-IV								
221TL1A4FA		French – IV								
Part- II										
221EL1A4EA	Language-II	Professional English - IV	3	1	-	3	50	50	100	3
Part-III										
222CF1A4CA	Core - VII	Textile Processing and Dyeing	4	-	-	3	50	50	100	4
222CF1A4CB	Core - VIII	Textile Printing	3	-	-	3	50	50	100	3
222CF1A4CP	Core Practical-IV	Textile Processing, Dyeing and Printing	-	-	4	3	50	50	100	2
222CF1A4CQ	Core Practical - V	Women’s Apparel	-	-	4	4	50	50	100	2
225AT1A4IA	IDC - IV	Business Accounting	4	-	-	3	50	50	100	4
222CF1A4EP	SEC-II	Surface Enrichment and Aari Embroidery	1	-	2	4	50	50	100	2
Total			18	2	10				800	23


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DuS- 16th 14.10.2023	AC - 16th 13.12.2023	GB - 21st 05.01.24




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B.Sc. CDF(Students admitted during the AY 2022-23)

Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
Fifth Semester										
Part-III										
222CF1A5CA	Core - IX	Fashion Styling	4	-	-	3	50	50	100	4
222CF1A5CB	Core - X	Textile Finishes	4	-	-	3	50	50	100	4
222CF1A5CP	Core Practical - VI	Computer Aided Designing - I	-		6	4	50	50	100	3
222CF1A5CQ	Core Practical - VII	Men’s Apparel	-	-	6	4	50	50	100	3
222CF1A5SP	SEC PRACTICAL - III	Fashion Illustration	-	-	4	3	50	50	100	2
222CF1A5DA	DSE-I	Fashion Marketing and Merchandising	4	-	-	3	50	50	100	4
222CF1A5DB		Home textiles								
222CF1A5DC		Design Thinking								
222CF1A5TA	IT	Industrial Training	-	-	-	-	50	50	100	2
Part - IV										
	GE		2	-	-	3	50	-	50	2
Total			14	-	16				750	24


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05-04-24	17-04-24	



Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
Sixth Semester										
Part-III										
222CF1A6CA	Core -XI	Technical Textiles	4	-	-	3	50	50	100	4
222CF1A6CB	Core - XII	Organisation of garment unit	4	-	-	3	50	50	100	4
222CF1A6CP	Core Practical - VIII	Computer Aided Designing- II	-	-	4	4	50	50	100	2
222CF1A6CQ	Core Practical -IX	Fashion Draping	-	-	4	4	50	50	100	2
222CF1A6SV	SEC-IV	Fashion Portfolio (Project Viva voce)	-	-	4	3	50	50	100	2
222CF1A6DA	DSE-II	Garment Quality and Cost Control	4	-	-	3	50	50	p	4
222CF1A6DB		Principles of Textile Testing								
222CF1A6DC		Boutique Management								
222CF1A6DD	DSE-III	Export and Import Documentation	4	-	-	3	50	50	100	4
222CF1A6DE		Sustainable Eco Textiles								
222CF1A6DF		Fashion Branding and Communication								
Part-IV										
225BI1A6AA	AECC-III	Innovation and IPR	2	-	-	3	50	-	50	2
Total			18		12				750	24
*Grand Total									4400	142


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B.Sc. CDF (Students admitted during the AY 2022-23)		



DISCIPLINE SPECIFIC ELECTIVE

Students shall select the desired course of their choice in the listed elective course during Semesters V & VI

Semester V (Elective I)

List of Elective Courses

S.No.	Course Code	Name of the Course
1.	222CF1A5DA	Fashion Marketing and Merchandising
2.	222CF1A5DB	Home textiles
3.	222CF1A5DC	Design Thinking

Semester VI (Elective II)

List of Elective Courses

S.No.	Course Code	Name of the Course
1.	222CF1A6DA	Garment Quality and Cost Control
2.	222CF1A6DB	Principles of Textile Testing
3.	222CF1A6DC	Boutique Management

Semester VI (Elective III)

List of Elective Courses

S.No.	Course Code	Name of the Course
1.	222CF1A6DD	Export and Import Documentation
2.	222CF1A6DE	Sustainable Eco Textiles
3.	222CF1A6DF	Fashion Brands and labels



GENERIC ELECTIVE COURSE (GE)

The following are the course offered under Generic Elective Course

Semester V

S.No.	Course Code	Course Name
1.	222CF1A5GA	Personal Grooming and Styling

EXTRA CREDIT COURSES

The following are the courses offered under self study to earn extra credits:

Semester III

S.No.	Course Code	Course Name
1.	222CF1ASSA	Care and Maintenance of Textiles
2.	222CF1ASSB	Body Language and Personal Grooming

CERTIFICATE PROGRAMMES

The following are the programme offered to earn extra credits:

S.No.	Programme Code and Name	Course Code	Course Name
1		17CCF1A/ 17CCF1P	Certificate course in Embroidery under Bharathiar University
2	2CF5A Certificate course in Textile Printing	192CF5A1CP	Textile Printing
3	2CF5B Certificate course in Textile Surface Embellishment	192CF5B1CP	Textile Surface Embellishment



Credit distribution - R4

For students admitted in AY 22-23 and onwards.

Credit distribution for Costume Design and Fashion programme

Part	Subjects	No. of Papers	Credit	Semester No.
I (12 Credits)	Tamil / Hindi / French/Malayalam	4	4 x 3 = 12	I & IV
II (12 Credits)	English	4	4 x 3 = 12	I & IV
III (108 Credits)	Core (Credits 2,3,4,5)	16-19	70	I to VI
	Inter Departmental Course (IDC)	4	16	I to IV
	Discipline Specific Elective (DSE)	3	3 x 4 =12	V & VI
	Skill Enhancement Course (SEC)	4	8	III ,IV,V& VI
	Industrial Training	1	2	V
IV (8 Credits)	Environmental Studies(AECC)	1	2	I
	Basic Tamil/ Advance Tamil /Human Rights & Women's Rights(AECC)	1	2	II
	Innovation & IPR/Innovation, IPR & Entrepreneurship (AECC)	1	2	VI
	Generic Elective(GE) (AEEC)	1	2	V
V (2 Credits)	NSS/NCC/YRC/RRC/Yoga/Sports/Clubs	-	2	I -II
TOTAL CREDITS			142	

UG - REGULATION (R4)

(Students admitted in the AY 2022-23)

(OUTCOME BASED EDUCATION WITH CBCS)

1.NOMENCLATURE

1.1 Faculty: Refers to a group of programmes concerned with a major division of knowledge Eg. Faculty of Computer Science consists of disciplines like Departments of Computer Science, Information Technology, Computer Technology, Computer Applications, Data analytics, Cognitive Systems and Artificial Intelligence and Machine Learning.

1.2 Programme: Refers to the Bachelor of Science / Commerce / Arts stream that a student has chosen for study.

1.3 Batch: Refers to the starting and completion year of a programme of study. Eg. Batch of 2022-25 refers to students belonging to a 3 year Degree programme admitted in 2022 and completing in 2025.

1.4 Course: Refers to component of a programme. A course may be designed to involve lectures / tutorials / laboratory work / seminar / project work/ practical training / report writing / Viva- voce, etc., or a combination of these, to meet effectively the teaching learning needs.

- a) **Core Course:** A course, which should compulsorily be studied by a candidate as a core requirement
- b) **Inter Disciplinary Course (IDC):** A course chosen generally from a related discipline/subject with an intention to seek exposure in the discipline relating to the core domain of the student
- c) **Discipline Specific Elective (DSE) Course:** Elective courses offered under main discipline/ subject of study.
- d) **Skill Enhancement Courses (SEC):** Value-based and/or skill-based courses which are aimed at providing hands-on-training, competencies, skills, etc.
- e) **Ability Enhancement Compulsory Courses (AECC):** Mandatory courses that lead to Knowledge enhancement. Environmental Science, Human Rights and Women's Rights, Basic Tamil/Advanced Tamil, Innovation and IPR/Innovation, IPR and Entrepreneurship.
- f) **Ability Enhancement Elective Course (AEEC)/Generic Elective (GE)** An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is Generic Elective.



1.5 Project Work:

Course involving application of knowledge in problem solving / analyzing /exploring a real life situation / difficult problem. The Project work will be given in lieu of a Core paper.

Internship/Industrial Training

Students must undertake industrial / institutional training for a minimum of 15 days during the IV semester summer vacation. The students will submit the report for evaluation during V semester.

1.6 Extra Credits:

Extra credits shall be awarded for achievements in identified Curricular/co-curricular activities executed outside the regular class hours. Extra credits are not mandatory for completing the programme.

2. STRUCTURE OF PROGRAMME

2.1 PART- I: LANGUAGE- I

Tamil or any one of the languages namely Malayalam, Hindi and French will be offered under Part – I in the first four semesters.

2.2 PART- II: LANGUAGE- II

English will be offered during the first four semesters.

2.3 PART- III:

- Core Course
- Inter Departmental Course (IDC)
- Discipline Specific Elective (DSE)
- Skill Enhancement Course (SEC)
- Industrial Training (IT)

2.4 PART- IV:

2.4.1 Ability Enhancement Compulsory Course (AECC):

The Ability Enhancement Compulsory Courses such as i)Environmental Studies, ii) Human Rights and Womens' Rights, iii) Innovation and IPR/ Innovation, IPR and Entrepreneurship are offered during I,II and VI Semester.

Basic Tamil

a) Those who have not studied Tamil up to XII Std and taken a non-Tamil language under Part-I shall take one Basic Tamil course in the second semester.

(OR)

Advanced Tamil

b) Those who have studied Tamil up to XII Std and taken a non-Tamil language under Part-I shall take one Advanced Tamil course in the second semester.

Note: Students who come under the above a+b categories are exempted from Human Rights and Women's Rights in second semester.

Ability Enhancement Elective Course (AEEC)/Generic Elective (GE) An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is Generic Elective offered in V semester. (Theory/Practical/Non-Lab Practical)

2.5 PART- V: EXTENSION ACTIVITIES

The following extracurricular activities like NSS/YRC/NCC/RRC/Yoga/Sports/Clubs are offered under extension activities during semester I & II. Students will be evaluated based on their active participation in any one of the above activities. 75% Attendance is compulsory for extension activity.

3. CREDIT ALLOTTMENT

The following is the credit allotment:

- Lecture Hours (Theory) : 1 credit per lecture hour per week
- Laboratory Hours : 1 credit for 2 Practical hours per week
- Project Work : 1 credit for 2 hours of project work per week

4. DURATION OF THE PROGRAMME

The B.A. /B.Com./B. Sc. Programme must be completed within 3 years (6 semesters) and a maximum of 6 years (12 semesters) from the date of acceptance to the programme. If not, the candidate must enroll in the course determined to be an equivalent by BoS in the most recent curriculum recommended for the Programme.



5.REQUIREMENTS FOR COMPLETION OF A SEMESTER

Every student shall ordinarily be allowed to keep terms for the given semester in a program of his/ her enrolment, only if he/ she fulfills at least seventy five percent (75%) of the attendance taken as an average of the total number of lectures, practicals, tutorials, etc. wherein short and/or long excursions/field visits/study tours organized by the college and supervised by the faculty as envisaged in the syllabus shall be credited to his/her attendance. Every student shall have a minimum of 75% as an overall attendance.

6. EXAMINATIONS

The end semester examinations shall normally be conducted after completing 90 working days for each semester. The maximum marks for each theory and practical course shall be 100 with the following breakup:

a) Mark distribution for Theory Courses

Continuous Internal Assessment (CIA) :	50 Marks
End Semester Exams (ESE)	: 50 Marks
Total	:100 Marks

i) Distribution of Internal Marks

S.No.	Particulars	Distribution of Marks
1	CIA I (2.5 Units) (On completion of 45 th working day)	15
2	Model (All 5 Units) (On completion of 85 th working day)	15
3	Assignment	05
4	Attendance	05
5	Library Usage	05
6	Skill Enhancement *	05
Total		50

Assignment Rubric

(Maximum -20 marks converted to 5 marks)

Criteria	4 marks	3 Marks	2 Marks	1 Mark
Language	Excellent spelling and Grammar	Good spelling and Grammar	Reasonable spelling and Grammar	Bad spelling and Grammar
Style	Outstanding style beyond usual college level	Attains College level style	Approaches College level style	Elementary form with little or no variety in sentence structure
Referencing	Good use of wide range of reference sources	Moderate use of suitable reference materials	Shows signs of plagiarism & using sources without referencing	No reference material used
Development	Main points well developed with high quality and quantity support	Main points developed with quality and quantity supporting details	Main points are present with limited details and development	Main points lack detailed development
Critical thinking/Problem solving	Advanced attempt to interpret the process, content/ analyse and solve the problem	Proficient attempt to interpret the process, content/ analyse and solve the problem	Adequate attempt to interpret the process, content/ analyse and solve the problem	Limited attempt to interpret the process, content/ analyse and solve the problem

Breakup for Attendance Marks:

S.No	Attendance Range	Marks Awarded
1	95% and Above	5
2	90% - 94%	4
3	85% - 89%	3
4	80% - 84%	2
5	75% - 79%	1



Note:

Special Cases such as NCC, NSS, Sports, Advanced Learner Course, Summer Fellowship and Medical Conditions etc. the attendance exemption may be given by principal and Mark may be awarded.

Break up for Library Marks:

S.No	Attendance Range	Marks Awarded
1	10h and above	5
2	9h- less than 10h	4
3	8h - less than 9h	3
4	7h - less than 8h	2
5	6h - less than 7h	1

Note:

In exception, the utilization of e-resources of library will be considered.

***Components for "Skill Enhancement" may include the following:**

Class Participation, Case Studies Presentation, Field Study, Field Survey, Group Discussion, Term Paper, Presentation of Papers in Conferences, Industry Visit, Book Review, Journal Review, e-content Creation, Model Preparation & Seminar.

Components for Skill Enhancement

Any one of the following should be selected by the course coordinator

S.No.	Skill Enhancement	Description
1	Class Participation	<ul style="list-style-type: none"> Engagement in class Listening Skills Behaviour
2	Case Study Presentation/ Term Paper	<ul style="list-style-type: none"> Identification of the problem Case Analysis Effective Solution using creativity/imagination
3	Field Study	<ul style="list-style-type: none"> Selection of Topic Demonstration of Topic Analysis & Conclusion
4	Field Survey	<ul style="list-style-type: none"> Chosen Problem Design and quality of survey Analysis of survey
5	Group Discussion	<ul style="list-style-type: none"> Communication skills Subject knowledge Attitude and way of presentation Confidence Listening Skill

6	Presentation of Papers in Conferences	<ul style="list-style-type: none"> • Sponsored • International/National • Presentation • Report Submission
7	Industry Visit	<ul style="list-style-type: none"> • Chosen Domain • Quality of the work • Analysis of the Report • Presentation
8	Book Review	<ul style="list-style-type: none"> • Content • Interpretation and Inferences of the text • Supporting Details • Presentation
9	Journal Review	<ul style="list-style-type: none"> • Analytical Thinking • Interpretation and Inferences • Exploring the perception if chosen genre • Presentation
10	e-content Creation	<ul style="list-style-type: none"> • Logo/ Tagline • Purpose • Content (Writing, designing and posting in Social Media) • Presentation
11	Model Preparation	<ul style="list-style-type: none"> • Theme/ Topic • Depth of background Knowledge • Creativity • Presentation
12	Seminar	<ul style="list-style-type: none"> • Knowledge and Content • Organization • Understanding • Presentation

ii) Distribution of External Marks

Total : 50
Written Exam : 50

Marks Distribution for Practical course

Total : 100
Internal : 50
External : 50

i) Distribution of Internals Marks

S.No.	Particulars	Distribution of Marks
1	Experiments/Exercises	15
2	Test 1	15
3	Test 2	15
4	Observation Notebook	05
Total		50

ii) Distribution of Externals Marks

S.No.	Particulars	External Marks
1	Materials and methods/ Procedures/ Aim	10
2	Experiment/ Performance/ Observations/ Algorithm	10
3	Results/ Calculations/ Spotters/ Output	10
4	Inference/Discussion/ Presentation	10
5	Record	6
6	Viva- voce	4
Total		50

A) Mark Distribution for Project/Internship/Industrial Training

Total	:	100
Internal	:	50
External	:	50

i) Distribution of Internal Marks

S.No.	Particulars	Internal Marks
1	Review I	20
2	Review II	20
3	Attendance	10
Total		50

ii) Distribution of External Marks

S.No	Particulars	External Marks
1	Project Work/Internship/ Industrial training presentation	40
2	Viva –voce	10
Total		50

Evaluation of project Work/Internship/ Industrial training shall be done jointly by Internal and External Examiners

7. Credit Transfer

a. Upon successful completion of 1 NPTEL Course (4 Credit Course) recommended by the department, during Semester I to IV, a student shall be eligible to get exemption of one **4 credit course** during the V or VI semester. The proposed NPTEL course should cover content/syllabus of exempted core paper in V or VI semester.

S. No.	Course Code	Course Name	Proposed NPTEL Course	Credit
1			Option – 1 Paper title	4
			Option – 2 Paper title	
			Option – 3 Paper title	

b. Upon successful completion of **2 NPTEL Courses** (2 Credit each) recommended by the department, during Semester I to IV, a student shall be eligible to get exemption of **one 4 credit course** during the V or VI semester. Out of 2 NPTEL proposed courses, **atleast 1 course** should cover content/syllabus of exempted core paper in V or VI semester.

Mandatory

The exempted core paper in the V or VI semester should be submitted by the students for approval before the end of 4th semester.

Credit transfer will be decided by equivalence committee

S. No.	Course Code	Course Name	Proposed NPTEL Course	Credit
1			Option - 1 Paper title	2
			Option - 2 Paper title	
			Option - 3 Paper title	
2			Option - 1 Paper title	2
			Option - 2 Paper title	
			Option - 3 Paper title	

NPTEL Courses to be carried out during semester I - IV.					
S.No.	Student Name	Class	Proposed NPTEL Course		Proposed Course for Exemption
			Course I	Option 1- Paper Title Option 2- Paper Title Option 3- Paper Title	Any one Core Paper in V or VI Semester
			Course II	Option 1- Paper Title Option 2- Paper Title Option 3- Paper Title	
Class Advisor		HoD		Dean	

Upon Successful outcome of Design Thinking / Copy right/Product/ Patent by the end of the V Semester, student shall be eligible to get exemption in AECC: Innovation, IPR & Entrepreneurship / Innovation & IPR offered during VI Semester.

9. Internship/Industrial Training

Students must undertake industrial / institutional training for a minimum of 15 days during the IV semester summer vacation. The students shall submit the report for evaluation during V semester.

10. Extra Credits: 10

Earning extra credit is not essential for programme completion. Student is entitled to earn extra credit for achievement in Co-Curricular/ Extracurricular activities carried out other than the regular class hours.



A student is permitted to earn a maximum of Ten extra Credits during the programme period.

A maximum of 1 credit under each category is permissible.

Category	Credit
Proficiency in foreign language	1
Proficiency in Hindi	1
Self study Course	1
Typewriting/Short hand	1
CA/ICSI/CMA (Foundations)	1
CA/ICSI/CMA (Inter)	1
Sports and Games	1
Publications / Conference Presentations (Oral/Poster)/ Awards	1
Lab on Project	1
Innovation / Incubation / Patent / Sponsored Projects / Consultancy/	1
Representation in State / National level celebrations	1
Awards/ Recognitions / fellowships	1

Credit shall be awarded for achievements of the student during the period of study only.

GUIDELINES

Proficiency in foreign language

A pass in any foreign language in the examination conducted by an authorized agency.

Proficiency in Hindi

A pass in the Hindi examination conducted by Dakshin Bharat Hindi Prachar Sabha.

Examination passed during the programme period only will be considered for extra credit.

Self study Course

A pass in the self study courses offered by the department.

The candidate should register the self study course offered by the department only in the III semester.

Typewriting/Short hand

A Pass in short hand / typewriting examination conducted by Tamil Nadu Department of Technical Education (TNDTE) and the credit will be awarded.

CA/ICSI/CMA(Foundations)

Qualifying foundation in CA/ICSI/CMA / etc.

Sports and Games

The Student can earn extra credit based on their Achievement in sports in University/ State / National/ International.

Publications / Conference Presentations (Oral/Poster)

Research Publications in Journals

Oral/Poster presentation in Conference

Lab on Project (LoP)

To promote the undergraduate research among all the students, the LoP is introduced beyond their regular class hours. LoP is introduced as group project consisting of not more than five members. It consist of four stages namely Literature collection, Identification of Research area, Execution of research and Reporting / Publication of research reports/ product developments. These four stages spread over from III to V semester.

(Evaluation will be done internally)

Innovation / Incubation / Patent / Sponsored Projects / Consultancy

Development of model/ Products /Prototype /Process/App/Registration of Patents/ Copyrights/Trademarks/Sponsored Projects /Consultancy

Representation in State/ National level celebrations

State / National level celebrations such as Independence day, Republic day Parade, National Integration camp etc.

Awards/ Recognitions/fellowships

Regional/ State / National level awards/ Recognitions/Fellowships

100 % CIA Courses :

- AECC
- AEEC

S.No	Type of Course
1	Environmental Studies (AECC)
2	Human Rights and Women's Rights, Basic Tamil / Advanced Tamil (AECC)
3	Innovation & IPR/ Innovation, IPR and Entrepreneurship (AECC)
4	Generic Elective (AEEC)

Modalities for Implementing Internal Assessment Marks:

- Student pertaining to 2022 Batch (2022-25) UG programme for the above mentioned courses shall secure a minimum of 40% out of the maximum marks in the continuous internal assessment (CIA) i.e., 20 marks out of 50 marks.
- Students who have not acquired the minimum marks shall be allowed to reappear to improve their marks in the exam components only within the time duration of the programme, in the forthcoming semesters.

Distribution of Internal Marks for AECC & AEEC (Theory)

S.No.	Particulars	Distribution of Marks
1	CIA I (2.5 Units) (On completion of 45 th working day)	15
2	Model (All 5 Units) (On completion of 85 th working day)	15
3	Assignment	05
4	Attendance	05
5	Library Usage	05
6	Skill Enhancement *	05

Total**50**

Distribution of Internal Marks for Generic Elective (AEEC) (Practical)

S.No.	Particulars	Distribution of Marks
1	CIA -I (1-5 Exercise)	5
2	CIA-II (6-10 Exercise)	5
3	Class Participation	10
4	Practical Record	10
5	Test-III & Viva -Voce(10+10)	20
Total		50

Question paper pattern AECC & AEEC

Test	MARKS	DESCRIPTION	TOTAL	Remarks
CIA Test I 1 Hour First 2.5 Units	50 x 1 = 50 Marks	MCQ	50 Marks	Marks secured will be Converted to 15 marks
CIA test II/ Model test 1 Hour All five Units	50 x 1 = 50 Marks	MCQ	50 Marks	Marks secured will be Converted to 15 marks

Question paper pattern		Total Marks - 50	
<u>Basic Tamil</u>		<u>Advanced Tamil</u>	
Section -A		Section -A	
Choose the correct answer	10x2=20	Choose the correct answer	10x1=10
Section -B		Section -B	
True or false	10x2=20	Fill in the blanks	10x2=20
Section -C		Section -C	
Answer in one page	1x10=10	Write an essay in two pages	2x10=20

Question paper pattern for all other courses falling under Part I to Part III

CIA Test : [1 ¹/₂ Hours-2.5 Units] - 25 Marks

SECTION	MARKS	DESCRIPTION	TOTAL	Remarks
Section – A	8 x 0.5 = 04 Mark	MCQ	25 Marks	Marks secured will be converted to 15 marks
Section - B	3 x 3 = 09 Mark	Answer ALL Questions Either or Type ALL Questions Carry Equal Marks		
Section - C	2 x 6 = 12 Mark			

Model Test: [3 Hours-5 Units] - 50 Marks

SECTION	MARKS	DESCRIPTION	TOTAL	Remarks
Section – A	5 x 1 = 05 Marks	MCQ	50 Marks	Marks secured will be converted to 15 marks
Section - B	5 x 3 = 15 Marks	Answer ALL Questions (Either or Type Questions) Each Questions Carry Equal Marks		
Section - C	5 x 6 = 30 Marks			

End Semester Examination: [3 Hours-5 Units] - 50 Marks

SECTION	MARKS	DESCRIPTION	TOTAL
Section - A	5 x 1 = 05 Marks	MCQ	50 Marks
Section - B	5 x 3 = 15 Marks	Answer ALL Questions (Either or Type Questions) Each Questions Carry Equal Marks	
Section - C	5 x 6 = 30 Marks		

Course Code	Course Name	Category	L	T	P	Credit
221TL1A1TA	TAMIL- I : IKKALA ILAKKIYAM	LANGUAGE-I	4	1	-	03

PREAMBLE

This course has been designed for students to learn and understand

- மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்பாடு நாகரீகம், பகுத்தறிவு ஆகியவற்றை அறியச் செய்தல்
- கலை மற்றும் மரபுகளை அறியச் செய்தல்
- மாணவர்களின் படைப்பாக்கத்திறன்களை ஊக்குவித்தல்

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	வாழ்க்கைத் திறன்கள் (Life Skills)- மாணவர்களின் செயலாக்கத் திறனை ஊக்குவித்தல்	K3
CO2	மதிப்புக்கல்வி (Attitude and Value education)	K4
CO3	பாட இணைச்செயல்பாடுகள் (Co-curricular activities)	K4
CO4	சூழலியல் ஆக்கம் (Ecology)	K4
CO5	மொழி அறிவு (Tamil knowledge)	K5

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓		✓
CO2	✓			✓	
CO3	✓	✓			✓
CO4	✓		✓	✓	
CO5	✓			✓	✓

✓ Skill Development	✓ Entrepreneurial Development
✓ Employability	✓ Innovations
✓ Intellectual Property Rights	✓ Gender Sensitization
✓ Social Awareness/ Environment	✓ Constitutional Rights/ Human Values/ Ethics



221TL1A1TA	TAMIL- I: IKKALA ILAKKIYAM	SEMESTER I
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I மறுமலர்ச்சிக் கவிதைகள் 13 h

1. இலக்கிய வரலாறு - மறுமலர்ச்சிக் கவிஞர்களின் தமிழ்ப்பணிகள்
2. பாரததேசம் - பாரதியார்
3. படி - பாரதிதாசன்
4. தமிழரின் பெருமை - நாமக்கல் கவிஞர்
5. தமிழ்க் கொலை புரியாதீர் - புலவர் குழந்தை
6. திரைத்தமிழ்

அ) 'விஞ்ஞானத்த வளர்க்கப் போறண்டி' எனத் தொடங்கும்

பாடல் - உடுமலை நாராயண கவி

ஆ) 'சும்மா கிடந்த நிலத்தை' எனத் தொடங்கும் பாடல் -

பட்டுக்கோட்டை கல்யாண சுந்தரனார்

இ) 'சமரசம் உலாவும் இடமே' எனத் தொடங்கும் பாடல் - மருதகாசி

ஈ) 'உன்னை அறிந்தால்' எனத் தொடங்கும் பாடல் - கண்ணதாசன்

Unit II புதுக்கவிதைகள் 13 h

1. இலக்கிய வரலாறு - புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும்
2. கடமையைச் செய் - மீரா
3. மலையாளக் காற்று - சிற்பி
4. ஒப்பிலாத சமுதாயம் - அப்துல் ரகுமான்
5. கன்னிமாடம் - மு.மேத்தா
6. கரிக்கிறது தாய்ப்பால் - ஆரூர் தமிழ்நாடன்
7. ஐந்தாம் வகுப்பு 'அ' பிரிவு - நா. முத்துக்குமார்
8. ஹைகூ கவிதைகள் - 10 கவிதைகள்

Unit III பெண்ணியம் 09 h

1. தொலைந்து போனேன் - தாமரை



2. நீரில் அலையும் முகம் - அ. வெண்ணிலா
3. தற்காத்தல் - பொன்மணி வைரமுத்து
4. ஏனிந்த வித்தியாசங்கள் ? - மல்லிகா
5. புதையுண்ட வாழ்க்கை - சுகந்தி சுப்ரமணியன்

Unit IV சிறுகதைகள்

15 h

1. இலக்கிய வரலாறு - சிறுகதையின் தோற்றமும் வளர்ச்சியும்
2. கனகாம்பரம் - கு.ப.ராஜகோபாலன்
3. ஆற்றங்கரைப் பிள்ளையார் - புதுமைப்பித்தன்
4. பொம்மை - ஜெயகாந்தன்
5. காய்ச்சமரம் - கி. ராஜநாராயணன்
6. காட்டில் ஒருமான் - அம்பை
7. வேட்கை - சூர்யகாந்தன்

Unit V பயிற்சிப் பகுதி

10 h

அ. இலக்கணம்

1. வல்லின ஒற்று மிகும், மிகா இடங்கள் - ஒற்றுப்பிழை நீக்கி எழுதுதல்
2. ர,ற - ல,ழ,ள - ண,ந,ன வேறுபாடு - ஒலிப்பு நெறி, சொற்பொருள் வேறுபாடு அறிதல்)

ஆ. படைப்பாக்கம்

1. கவிதை - எழுதுதல் (15 வரிகள் முதல் 30 வரிகள் வரை)
2. சிறுகதை - எழுதுதல் (குறைந்தது 3 பக்கங்கள்)




Text Book

- தமிழ் மொழிப்பாடம் - 2022-2023, தொகுப்பு: தமிழ்த்துறை, டாக்டர்
 1 என்.ஜி.பி. கலை அறிவியல் கல்லூரி, கோயம்புத்தூர் - 641048,
 வெளியீடு: நியூ செஞ்சுரி புக் ஹவுஸ், சென்னை - 600 098.

References

- 1 பேராசிரியர் புலவர் சோம. இளவரசு, எட்டாம் பதிப்பு - 2014, தமிழ் இலக்கிய வரலாறு - மணிவாசகர் பதிப்பகம், சென்னை - 600 108.
- 2 பேராசிரியர் முனைவர் பாக்கியமேரி, முதற் பதிப்பு - 2013, இலக்கணம் - இலக்கிய வரலாறு - மொழித்திறன் - பூவேந்தன் பதிப்பகம், சென்னை-600 004.
- 3 இணையதள முகவரி: <https://www.tamilvu.org>

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APPROVED		
BoS- 13 th 08/08/2022	AC- 13 th 06/09/2022	GB- 13 th 10/09/2022



Course Code	Course Name	Category	L	T	P	Credit
221TL1A1HA	HINDI- I: MODERN LITERATURE	LANGUAGE-1	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature
- The techniques for expansion of ideas and translation process

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Apply the knowledge writing critical views on fiction	K3
CO4	Build creative ability	K3
CO5	Expose the power of creative reading	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	✓
CO2	✓	✓			✓
CO3	✓		✓	✓	✓
CO4	✓		✓		✓
CO5	✓	✓	✓		✓

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input checked="" type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



221TL1A1HA	HINDI- I: MODERN LITERATURE	SEMESTER I
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I 13 h

गद्य - नूतन गद्य संग्रह (जय प्रकाश) पाठ 1- रजियापाठ 2- मक्रीलपाठ 3- बहता पानी निर्मला
पाठ 4- राष्ट्रपिता महात्मा गाँधी

Unit II 13 h

कहानी कुंज- डॉ वी.पी. 'अमिताभ' (पाठ 1-4)

Unit III 12 h

व्याकरण : शब्द विचार (संज्ञा, सर्वनाम, विशेषण)

Unit IV 12 h

अनुच्छेद लेखन

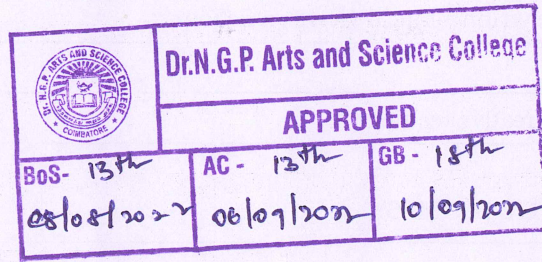
Unit V 10 h

अनुवाद अभ्यास-III (केवल अंग्रेजी से हिन्दी में) (पाठ 1 to 10)



Text Books

- 1 प्रकाशक: सुमित्र प्रकाशन 204 लीला अपार्टमेंट्स, 15 हेस्टिंग्स रोड अशोक नगर इलाहाबाद-211001
- 2 प्रकाशक: गोविन्द प्रकाशनसदर बाजार, मथुरा उत्तरप्रदेश-281001
- 3 पुस्तक: व्याकरण प्रदिप - रामदेवप्रकाशक: हिन्दी भवन 36 टेगोर नगर इलाहाबाद-211024
- 4 पुस्तक: व्याकरण प्रदिप - रामदेवप्रकाशक: हिन्दी भवन 36 इलाहाबाद-211024
- 5 प्रकाशक: दक्षिण भारत प्रचार सभा चेन्नई -17



Course Code	Course Name	Category	L	T	P	Credit
221TL1A1MA	MALAYALAM- I: MODERN LITERATURE	LANGUAGE-I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature, to learn the techniques for expansion of ideas and translation process
- the competency in translating simple Malayalam sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories.	K1
CO2	Understand the principles of translation work.	K2
CO3	Apply the knowledge writing critical views on fiction.	K3
CO4	Build creative ability.	K3
CO5	Expose the power of creative reading	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	✓
CO2	✓			✓	✓
CO3	✓	✓	✓	✓	✓
CO4	✓		✓	✓	✓
CO5	✓	✓	✓		✓

<input checked="" type="checkbox"/>	Skill Development	<input checked="" type="checkbox"/>	Entrepreneurial Development
<input checked="" type="checkbox"/>	Employability	<input checked="" type="checkbox"/>	Innovations
<input type="checkbox"/>	Intellectual Property Rights	<input checked="" type="checkbox"/>	Gender Sensitization
<input checked="" type="checkbox"/>	Social Awareness/ Environment	<input checked="" type="checkbox"/>	Constitutional Rights/ Human Values/ Ethics



221TL1A1MA	MALAYALAM- I: MODERN LITERATURE	SEMESTER I
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I Novel 14 h

Pathummayude Adu

Unit II Novel 10 h

Pathummayude Adu

Unit III Short Story 14 h

Nalinakanthi

Unit IV Short Story 10 h

Nalinakanthi

Unit V Practical Application 12 h

Expansion of ideas, General Essay and Translation




Text Books

- 1 Vaikkam Muhammed Basheer, "Pathummayude Adu" (NOVEL), DC Books & Kottayam
- 2 T.Padmanabhan, "Nalinakanthi" (Short Story), DC Books & Kottayam.

References

- 1 Malayala Novel Sahithyam.
- 2 Malayala Cherukatha Innale Innu.

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Course Code	Course Name	Category	L	T	P	Credit
221TL1A1FA	FRENCH- I: GRAMMAR, TRANSLATION AND CIVILIZATION	LANGUAGE - I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the Competence in General Communication Skills – Oral + Written – Comprehension & Expression
- the Culture, life style and the civilization aspects of the French people as well as of France
- the students to acquire Competency in translating simple French sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the Basic verbs, numbers and accents	K1
CO2	Apply the adjectives and the classroom environment in France	K2
CO3	Evaluate the Plural, Articles and the Hobbies	K3
CO4	Measure the Cultural Activity in France	K3
CO5	Select the sentiments, life style of the French people and the usage of the conditional tense	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓		✓
CO2	✓				✓
CO3	✓	✓	✓	✓	✓
CO4	✓		✓		✓
CO5	✓		✓		✓

<input checked="" type="checkbox"/>	Skill Development	<input checked="" type="checkbox"/>	Entrepreneurial Development
<input checked="" type="checkbox"/>	Employability	<input checked="" type="checkbox"/>	Innovations
<input checked="" type="checkbox"/>	Intellectual Property Rights	<input type="checkbox"/>	Gender Sensitization
<input checked="" type="checkbox"/>	Social Awareness/ Environment	<input checked="" type="checkbox"/>	Constitutional Rights/ Human Values/ Ethics



221TL1A1FA	FRENCH- I: GRAMMAR, TRANSLATION AND CIVILIZATION	SEMESTER I
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I Salut I Page 10

12 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
<ul style="list-style-type: none"> • Saluer • Enter en contact avec quelqu'un. • Se presenter. • S'excuser 	En cours de cuisine, premiers contacts avec les members d'un groupe	<ul style="list-style-type: none"> • Comprendre des personnes qui se saluent. • Échanger pour entrer en contact, se présenter, saluer, s'excuser. • Communiquer avec <i>tu</i> ou <i>vous</i>. • Comprendre les consignes de classe • Épeler son nom et son prénom. <p>Computer jusqu'à 10.</p>

Unit II Enchanté I Page 20

12 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
<ul style="list-style-type: none"> • Demander de se presenter. • Présenter quelqu'un. 	Dans la classe de français, se presenter et remplir une fiche pour le professeur.	<ul style="list-style-type: none"> • Comprendre les informations essentielles dans un échange en milieu professionnel. • Échanger pour se presenter et présenter quelqu'un.

Unit III J'adore I Page 30

12 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
<ul style="list-style-type: none"> • Exprimer ses goûts. 	Dans un café, participer à une soirée de rencontres rapides et remplir de taches d'appréciation.	<ul style="list-style-type: none"> • Dans une soirée de rencontres rapid comprendre des personnes qui échangent sur elles et sur leurs goût • Comprendre une personne qui parler des goûts de quelqu'un d'autre.



Unit IV J'adore I Page 30

14 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
<ul style="list-style-type: none"> Présenter quelqu'un 	<p>Dans un café, participer à une soirée de rencontres rapides et remplir de tâches d'appréciation</p>	<ul style="list-style-type: none"> Exprimer ses goûts. Comprendre une demande laissée sur un répondeur téléphonique. Parler de ses projets de week-end.
Autoévaluation du module I Page 40 – Préparation au DELF A1 page 42		
<p>Demander à quelqu'un de faire quelque chose. Demander poliment. Parler d'actions passées. Tu veux bien?</p>	<p>Organiser un programme d'activités pour accueillir une personne importante.</p>	<p>Comprendre une personne demande un service à quelqu'un. Demander à quelqu'un de faire quelque chose. Imaginer et raconter au passé à partir de situations dessinées.</p>

Unit V Practical Application


10 h

Make in Own Sentences



Text Book

- 1 Regine Merieux, Yves Loiseau, "LATITUDES - 1" (Page No: 9-55) (Methode de Français), Goyal Publisher & Distributors Pvt.Ltd., 86 UB Jawahar Nagar (Kamala Nagar), Delhi-7 Les Editions Dider, Paris, 2008- Imprime en Roumanie par Canale en Janvier 2012.

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BoS- 13th		AC - 13th		GB - 13th	
08/08/2022		06/09/2022		10/09/2022	



221EL1A1EA	PROFESSIONAL ENGLISH- I	SEMESTER I
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I Genre Studies 10 h

Nissim Ezekiel: The Worm- Author's Biography- title indications- outline- paraphrasing the poem- context of poem- form- poetic devices- enjambment- techniques- Annotations

Niyi Osundare: Our Earth Will Not Die- Author's Biography- title indications- outline- paraphrasing the poem- context of poem- form- poetic devices- enjambment- techniques- Annotations

A. G. Gardiner: On Superstitions- Author's biography- Narrative structure- Exploration of the text- passage analysis- insight of ideas- cohesion and context- style- language techniques- Annotations

Nancy Bella: Clever Thief- Author's Biography- Plot Summary- Detailed summary and Analysis- Themes- Important Quotations- Characters- Description - analysis- Terms- Symbols- Critical analysis

H. G. Wells: The Truth about Pyecraft- Author's Biography- narrative structure- passage analysis- insight of ideas- cohesion and context- style- language techniques

Unit II Listening Skills 12 h

Listening vs. hearing- Types of listening, Tips to enhance Listening Skills, Non-verbal and Verbal signs of active listening - Comprehensive Listening - Listening to pre-recorded audios on speeches, interviews and conversations - Listening Activities- Listening and responding to complaints (formal situation), Listening to problems and offering solutions (informal)

Unit III Speaking Skills 14 h

Formal occasions- Introducing oneself, Introducing others, Enquiries and Seeking permission, Making short presentations - Informal occasions- Requests, Offering help, Congratulating, Farewell party, graduation speech - Giving instructions to do a task and to use a device, Giving and asking directions



Unit IV Reading Skills

10 h

Study Skills: Skimming and Scanning- Reading different kinds of texts- Types of reading-Developing a good reading speed, reading aloud, Referencing skill - Word Power (Denotation and Connotation) - Reading comprehension, Data interpretation -Charts, Graphs, Advertisements

Unit V Writing Skills

12 h

Sentence patterns, Note- making and note taking-Strategies - Paragraph writing: Structure and Principles - Academic Writing - Formal and Informal Letters, Report, Book /Movie Review


Text Books

- 1 Gardiner, A. G. 1926. Alpha of the Plough: Second series, J.M. Dent & Sons Ltd., London, United Kingdom. pg.no-151-156. (Unit I)
- 2 Ezekiel, Nissim. "The Worm," Crazy Romantic Love, www.mianmawaisarain.live/2020/05/poem-worm-nissim-ezekiel.html. Accessed 3 Aug. 2022. (Unit I)
- 3 <<http://livros01.livrosgratis.com.br/ln000835.pdf> />(Unit I)
- 4 Mithra,S.M. 1919. Hindu Tales from the Sanskrit, Macmillan & Co Ltd., London, United Kingdom. pg.no-127-142. (Unit I)
- 5 Nation, I. S. P and Jonathan Newton. 2009. Teaching ESL/EFLListening and Speaking. Routledge, New York, United States. (Unit II)
- 6 Prabha, Dr. R. Vithya & S. Nithya Devi. 2019. Sparkle. (1st Edn.) McGraw - Hill Education, Chennai, India. (Unit III- V)



References

- 1 Our Earth Will Not Die By Niyi Osundare." Studocu.Com, studocu.com/in/document/bangalore-university/bachelor-of-computer-applications/1586771577-our-earth-will-not-die/27675462. Accessed 3 Aug. 2022.
- 2 On Superstitions." THE HISTORIAN, thehistorian1947.wordpress.com/2019/03/08/on-superstitions-by-a-g-gardiner. Accessed 3 Aug. 2022.
- 3 Swales, John M. & Feak, Christine B. 2012. Academic Writing for Graduate Students: Essential Tasks and Skills, University of Michigan Press, Michigan.
- 4 Rudzka, Brygida -Ostyn, 2003. Word Power: Phrasal Verbs and Compounds: A Cognitive Approach, Mouton de Gruyter, New York, United States.

		
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BoS- 13 th 08/08/2022	AC - 13 th 06/09/2022	GB - 18 th 10/09/2022

Course Code	Course Name	Category	L	T	P	Credit
222CF1A1CA	FUNDAMENTALS OF TEXTILES	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- Different types of natural and manmade fibres
- Manufacturing process of natural and manmade fibres
- Process sequence in manufacturing of yarn

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Classify the fibres and its characteristics	K2
CO2	Explain the manufacturing process, properties and uses of natural fibres	K3
CO3	Explain the manufacturing process, properties and uses of man-made fibres	K3
CO4	Summarize the various process of spinning	K4
CO5	Outline the manufacturing process of yarn and its types	K5

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓		✓
CO2		✓	✓		✓
CO3	✓	✓	✓	✓	✓
CO4	✓	✓	✓		
CO5	✓	✓	✓		✓

<input checked="" type="checkbox"/> Skill Development	<input type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A1CA	FUNDAMENTALS OF TEXTILES	SEMESTER I
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Introduction to the Textiles 10 h

Introduction to the textiles - industry, market. Textile fibres - definition, classification of fibres - natural fibres - vegetable, animal and mineral fibres. Manmade fibres - cellulosic fibres and noncellulosic polymer fibres. Properties of textile fibres - primary and secondary characteristics.

Unit II Natural fibres 09 h

Natural fibres- Manufacturing process, properties and end uses of cotton, linen, jute, hemp, silk, wool, hair fibres.

Unit III Man- made and Recent Fibres 09 h

Manmade fibres- Manufacturing process, properties and uses of viscose rayon, acetate rayon, nylon, polyester, and acrylic. Recent fibres used in textile industry- Fibre extraction, properties, end uses of bamboo, modal, tencel, lotus fibre, nettle fibre.

Unit IV Method of Spinning 10 h

Spinning- definition, classification of spinning- chemical spinning and mechanical spinning- process of ginning, functions of blow room - blending, opening, cleaning. Functions of carding, functions of drawing, combing, roving, spinning. Chemical spinning-process of chemical spinning, types of chemical spinning- melt, dry, wet.

Unit V Types of yarn 10 h

Yarn - definition, classification- simple and fancy yarns, yarn count- definition, types- direct and indirect system, yarn twist- classification of yarn twists, yarn number, types of yarn package. Sewing threads -Definition, classification, properties, uses of threads.

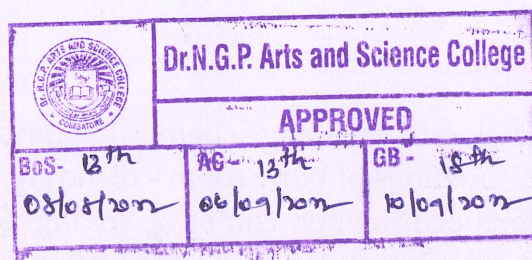


Text Books

- 1 Barker A.F. 2007, Handbook of Textiles, Abhishek Publications, Chandigarh.
- 2 Kim Gandhi. 2019, Woven Textiles, Principles, Technologies & Applications, Wood head Publishing Limited.

References

- 1 Kaplan .N.S. 2002, A Practical Guide to Fibre Science. Edition Abhishek Publications, Chandigarh.
- 2 Gordon Cook. J. 2001, Handbook of Textile Fibres: Natural Fibre, Wood head Publishing Limited.
- 3 Gordon Cook .J. 2001, Handbook of Textile Fibres: Manmade Fibre Volume: Wood head Publishing Limited.
- 4 Arthur Price Pizzuto. J.J. 1994, Fabric Science, 6th Edition Fairchild Publications.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A1CB	BASICS OF FASHION DESIGNING	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- Basics of fashion and colour theories
- Terminologies of fashion
- Fashion design process

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Apply the design and its types and analyze the knowledge of elements of design, principles of design.	K3
CO2	Learn about the principles of color in garment design and standardized colour harmonies	K3
CO3	Introduce the terminologies of fashion	K2
CO4	Understand the fashion evolution and fashion cycle	K4
CO5	Categorize the different types of Fashion theories	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	✓	✓
CO2	✓		✓	✓	✓
CO3	✓		✓	✓	
CO4	✓	✓	✓	✓	
CO5	✓	✓	✓	✓	✓

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A1CB	BASICS OF FASHION DESIGNING	SEMESTER I
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Elements and Principles of design 10 h

Design-definition and types- structural and decorative design, requirements of a good structural and decorative design. Elements of design- line, shape or form, colour, size and texture. Application of structural and decorative design in a dress. Principles of design- balance, rhythm, emphasis, harmony and proportion. Application of principles of design in a dress.

Unit II Colour theory 10 h

Colour - definition, colour theories- prang colour chart and munsell colour system, dimensions of colour- hue, value and intensity. Standard colour harmonies application in dress design. Colour in principles of design-application of the same in dress design.

Unit III Fashion terminologies 09 h

Terms related to the fashion industry- fashion, style, fad, classic and collection, chic, custom made, mannequin, fashion show, trend, forecasting, high fashion, fashion cycle, haute couture, couture, couturier, fashion director, fashion editor, line, knock-off, avant-garde, bridge, buying house, apparel, fashion merchandising, pret-a-porter, sample.

Unit IV Fashion theories 09 h

Fashion cycles, repetition of fashion. Fashion evolution- fashion cycles, length of cycles, consumer groups in fashion cycles. Fashion leaders, fashion innovators, fashion motivation, fashion victim, fashion followers. Role of fashion designers in the industry. Fashion theory- trickle down, trickle up and trickle across theory.

Unit V Fashion forecasting 10 h

Fashion forecasting- aim of fashion forecasting. Role of fashion predictors, six disciplines of forecasting, analysis of consumer preference, components of fashion forecasting. Factors influencing fashion changes - psychological needs of fashion, social psychology of fashion, technological, economical, political, legal and seasonal influence. Role of costume as a status symbol, cultural value, personality and dress, cloths as a sex appeal.




Text Books

- 1 Sumathi. G. J.2002, Elements of Fashion and Apparel Design, 10th Edition.
- 2 John Peacock, 2005. The Complete Fashion Source Book. Thames and Hudson, London.

References

- 1 Bennett, 1998, Inside the Fashion Business, 10th Edition, Coleman and Co, Mumbai.
- 2 Hindol Sengupta, 2005. Indian Fashion. Pearson Education.
- 3 Tracy Diane and Tom Cassid. 2005, Colour Forecasting, Om Books International.
- 4 Charlotte Mankey Calasibetta and Phyllis Tortora. 2005, Dictionary of Fashion, Om Books International.

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BoS- 13 th		AC - 13 th		GB - 18 th	
08/09/2022		06/09/2022		10/09/2022	

222CF1A1CP	TEXTILE SCIENCE LAB	SEMESTER I
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Total Credits: 3

Total Instructions Hours: 72 h

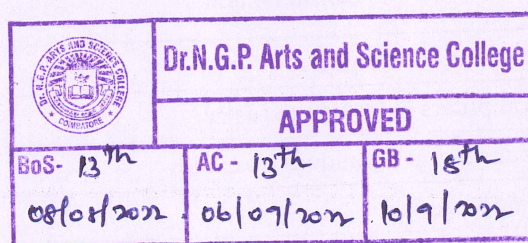
S.No	Contents
1	Identification of textile fibers with Microscopic method, Flame test, Chemical test - cotton, linen, jute, wool, silk, rayon, nylon, polyester
2	Determining the yarn count by Wrap reel
3	Determining the yarn count by Quadrant balance
4	Determining the yarn twist using Twist tester
5	Determining the yarn strength by Lea strength test
6	Determining the Fabric strength by Tearing strength test
7	Determining the Fabric strength by Bursting strength test
8	Determining the Fabric count by Beasley's Balance
9	Determining the Fabric count by Pick glass method
10	Determining the Fabric Abrasion using Abrasion tester
11	Determining the Weight of the fabric using GSM cutter
12	Course length and loop length of knitted fabric
13	Color Fastness by Crock Meter test.
14	Color Fastness to Washing

Note: Any 10 is mandatory



References

- 1 Kaplan .N.S. 2002, A Practical Guide to Fiber Science. Edition, Abhishek Publications: Chandigarh.
- 2 Gordon Cook. J. 2001, Handbook of Textile Fibres: Natural Fiber, Wood head Publishing Limited.
- 3 Gordon Cook. J, 2001. Handbook of Textile Fibres: Manmade Fiber Volume: Wood head Publishing Limited.
- 4 Barker. A.F. 2007, Handbook of Textiles, Abhishek Publications Chandigarh.



Course Code	Course Name	Category	L	T	P	Credit
224CT1A1IA	COMPUTERS IN GARMENT INDUSTRY	IDC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- To Impart knowledge on the significant role played by the computers in the garment industry
- To Create an awareness on the latest technologies available in the various sectors of the garment industry
- To Teach the advantages of using computer technology to improve the production qualitatively and quantitatively

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of computers	K1
CO2	Knowledge on computers in fashion industry	K2
CO3	Apply computer designing techniques in textiles	K3
CO4	Learn computer aided design	K2
CO5	Apply computer application in garment construction	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	✓	✓
CO2	✓	✓		✓	
CO3	✓		✓	✓	
CO4		✓	✓		✓
CO5	✓		✓	✓	

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



224CT1A1IA	COMPUTERS IN GARMENT INDUSTRY	SEMESTER I
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Computer Fundamentals 10 h

Computer Fundamentals - Computer Components- Computer Memory - Operating System - Computer Networks - Databases -Types of programming languages -open source software: Fiber technology- spinning- weaving- knitting- coloration technology- textile testing

Unit II Computers in Fashion Industry 10 h

Role of computers in fashion industry - Information flow - CAD, CAM, CIM, CAA, PDC -Definition and functions. Computers in production planning and production scheduling computerized colour matching system

Unit III Computers in Creating Fabric and Garment Designs 8 h

CAD in creating designs - Advantages. Computerized weaving, knitting and printing, creating Computerized embroidery machines, Garment designing with CAD - 2D and 3D forms

Unit IV Body Measurements, Pattern Making and Grading 10 h

3D Body scanning systems, Made to measure systems, CAD in pattern making and grading - system description - information flow - process involved in pattern making, process involved in pattern grading

Unit V Computers in the Garment Manufacturing 10 h

Computer application in fabric defect checking, laying / spreading, cutting marker planning, Labelling - Parts and functions. Computerized sewing machines




Text Books

- 1 Dr R Sheela John and Dr S Amsamani, Shanga Verlag, 2013, "Computers in the Garment Industry".
- 2 Gini Stephens Frings, 2007," Fashion: From Concept to Consumer", 4th Edition, Prentice Hall,Pearson Publication.

References

- 1 Jinlian Hu, 2011, "Computer Technology for Textiles and Apparel",Elsevier Publication.

 Dr.N.G.P. Arts and Science College		
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BoS- 13 th 08/08/2022	AC - 13 th 06/09/2022	GB - 18 th 10/9/2022

Course Code	Course Name	Category	L	T	P	Credit
223MB1A1AA	ENVIRONMENTAL STUDIES	AECC	2	-	-	2

PREAMBLE

This course has been designed for students to learn and understand

- Multi disciplinary aspects of Environmental studies
- Importance to conserve the Biodiversity
- Causes of Pollution and its control

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the importance of natural resources in order to conserve for the future.	K2
CO2	Infer on Natural resources and its conservation	K2
CO3	Apply the knowledge on Biodiversity and its conservation	K3
CO4	Relate effects, causes and control of air, water, soil and noise pollution etc.,	K2
CO5	Build awareness about sustainable development and Environmental protection	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓				✓
CO2					✓
CO3		✓			✓
CO4		✓			✓
CO5					✓

<input checked="" type="checkbox"/> Skill Development	<input type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



223MB1A1AA	ENVIRONMENTAL STUDIES	SEMESTER I
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Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

Unit I Introduction to Environmental studies & Ecosystems 5 h

Introduction to Environmental studies& Ecosystems: Multidisciplinary nature of environmental studies; components of environment – atmosphere, hydrosphere, lithosphere and biosphere. Scope and importance; Concept of sustainability and sustainable development. Ecosystem- Structure and function of ecosystem; Energy flow in an ecosystem: food chain, food web and ecological succession.

Unit II Natural Resources: Renewable and Non-renewable Resources 5 h

Natural Resources: Renewable and Non-renewable Resources: Land Resources and land use change; Land degradation, soil erosion and desertification. Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations. Water: Use and overexploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state). Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs.

Unit III Biodiversity and Conservation 5 h

Biodiversity and Conservation: Levels of biological diversity: genetic, species and ecosystem diversity; Biogeography zones of India; Biodiversity patterns and global biodiversity hot spots. India as a mega-biodiversity nation; Endangered and endemic species of India. Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.

Unit IV Environmental Pollution, Environmental Policies & Practices 5 h

Environmental Pollution, Environmental Policies & Practices: Environmental pollution: types, causes, effects and controls; Air, water, soil, chemical and noise pollution. Nuclear hazards and human health risks. Solid waste management: Control measures of urban and industrial waste. Pollution case studies. Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture. Environment Laws: Environment Protection Act; Prevention & Control of Pollution Act – Air & Water. Wildlife Protection Act; Forest Conservation Act;



Unit V Human Communities and the Environment & Field Work 4 h


Human Communities and the Environment & Field Work: Human population and growth: Impacts on environment, human health and welfares. Environmental ethics: Role of Indian and other religions and cultures in environmental conservation. Environmental communication and public awareness. Visit to an area to document environmental assets; river/forest/flora/fauna, etc. Population explosion - Family Welfare Programmes. Role of Information Technology in Environment and human health. Role of the Colleges, Teachers and Students in village adoption towards clean, green and make in villages in various aspects.

Text Books

- 1 Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt.
- 2 Gadgil, M., & Guha, R. 1993. This Fissured Land: An Ecological History of India. Univ. of California Press.

References

- 1 Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London, Routledge
- 2 Gleick, P.H. 1993. Water in Crisis. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press
- 3 Groom, Martha J. Gary K. Meffe, and Carl Ronald carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates, 2006
- 4 Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. Science, 339: 36-37.
- 5 McCully, P. 1996. Rivers no more: the environmental effects of dams (pp. 29-64). Zed Books
- 6 McNeil, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century
- 7 Odum, E.P., Odum, h.T. & Andrews, J. 1971. Fundamentals of Ecology. Philadelphia: Saunders.

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BoS Chairman/HoD
 Department of Costume Design & Fashion
 Dr. N. G. P. Arts and Science College,
 Coimbatore - 641 048



Dr.NGPASC

COIMBATORE | INDIA

B.Sc. Costume Design and Fashion (Students admitted during the AY 2022-23)

Course Code	Course Name	Category	L	T	P	Credit
221TL1A2TA	TAMIL- II: ARA ILAKKIYAM	LANGUAGE - I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்பாடுநாகரீகம்,பகுத்தறிவு ஆகியவற்றை அறியச் செய்தல்
- கலை மற்றும் மரபுகளை அறியச் செய்தல்
- மாணவர்களின் படைப்பாக்கத்திறன்களை ஊக்குவித்தல்

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	வாழ்க்கைத்திறன்கள்(Life Skills)- மாணவர்களின் செயலாக்கத்திறனை ஊக்குவித்தல்	K1
CO2	மதிப்புக்கல்வி (Attitude and Value education)	K2
CO3	பாடஇணைச்செயல்பாடுகள் (Co-curricular activities)	K2
CO4	சூழலியல் ஆக்கம் (Ecology)	K3
CO5	மொழி அறிவு(Tamil knowledge)	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1			✓	✓	
CO2	✓		✓		
CO3			✓		
CO4					✓
CO5					

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input checked="" type="checkbox"/> Intellectual Property Rights	<input checked="" type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



221TL1A2TA	TAMIL- II:ARA ILAKKIYAM	SEMESTER II
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I அற இலக்கியம் 13 h

1. இலக்கிய வரலாறு- பதினென்கீழ்க்கணக்குநூல்கள்

2.திருக்குறள்

அ. அறன்வலியுறுத்தல்- அ. எண் 04

ஆ. நட்பாராய்தல் - அ. எண் 80

இ. நாடு- அ. எண் 74

ஈ. குறிப்பறிதல்- அ. எண் 110

Unit II அற இலக்கியம் 13 h

1. நாலடியார் - அறிவுடைமை

2. மூதுரை - ஓளவையார் - 10 பாடல்கள்- 6,7,9,10,14,16,17,23,26,30

3. இனியவைநாற்பது- பூதஞ்சேந்தனார் - முதல் 10 பாடல்கள்

Unit III அறநெறிக் கட்டுரைகள் 09 h

1. இலக்கியவரலாறு - தமிழ் உரைநடையின் தோற்றமும் வளர்ச்சியும்

2. கலைகள்-உ.வே.சா

3. சங்க நெறிகள்- வ.சுப.மாணிக்கம்

Unit IV அறநெறிக் கட்டுரைகள் 15 h

1. வீர வணக்கம் - க.கைலாசபதி

2. தமிழர் பண்பாடு - டாக்டர் சோ.நா.கந்தசாமி

3. இணையத் தமிழ் வளர்ச்சி - முனைவர் ப.அர.நக்கீரன்

Unit V பயிற்சிப் பகுதி 10 h

1.இலக்கணம்-வழு, வழுவமைதி,வழாநிலை

2.அலுவலகம் சார்ந்த கடிதம் -விண்ணப்பங்கள், வேண்டுகோள்,முறையீடு

3.படைப்பாக்கம்-பொதுத்தலைப்பில் கட்டுரைகள் எழுதுதல்




Text Book

- 1 தமிழ் மொழிப்பாடம்-2022-2023,தொகுப்பு: தமிழ்த்துறை, டாக்டர் என்.ஜி.பி. கலை அறிவியல் கல்லூரி,கோயம்புத்தூர். வெளியீடு: நியூ செஞ்சுரி புக் ஹவுஸ்,சென்னை. (Unit I to V)

References

- 1 பேராசிரியர் புலவர் சோம. இளவரசு,எட்டாம் பதிப்பு-2014,தமிழ் இலக்கிய வரலாறு- மணிவாசகர் பதிப்பகம்,சென்னை.
- 2 பேராசிரியர் முனைவர் பாக்கியமேரி,முதற் பதிப்பு- 2013,இலக்கணம்- இலக்கிய வரலாறு- மொழித்திறன்- பூவேந்தன் பதிப்பகம்,சென்னை. .
- 3 தமிழ் இணையக் கல்விக்கழகம் - TAMIL VIRTUAL ACADEMY. வலைதள முகவரி : <https://www.tamilvu.org>

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03.12.2022	19.01.23	30.01.23



Course Code	Course Name	Category	L	T	P	Credit
221TL1A2HA	HINDI - II: MODERN LITERATURE	LANGUAGE- I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature
- the techniques for expansion of ideas and translation process

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Expose the knowledge writing critical views on fiction	K2
CO4	Build creative ability	K3
CO5	Apply the power of creative reading	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1					
CO2					
CO3			✓		
CO4	✓			✓	✓
CO5		✓			✓

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input checked="" type="checkbox"/> Intellectual Property Rights	<input checked="" type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



221TL1A2HA	HINDI – II: MODERN LITERATURE	SEMESTER II
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I 13 h

आधुनिकपद्य – शबरी(श्रीनरेशमेहता)

Unit II 13 h

उपन्यास: सेवासदन-प्रेमचन्द

Unit III 12 h

कहानी-किरीट- डा उषा पाठक / डा अचला पाण्डेय

पाठ 1.कफ़न, 3. चीफ़ की दावत

Unit IV 12 h

पत्र लेखन: (औपचारिक या अनौपचारिक)

Unit V 10 h

अनुवाद अभ्यास-III (केवल हिन्दी से अंग्रेजी में) (पाठ 1 to 10)

Text Books

- 1 प्रकाशक: लोकभारती प्रकाशन पहली मंजिल, दरबारी बिल्डिंग, महात्मा गाँधी मार्ग, इलाहाबाद. (Unit I)
- 2 प्रकाशक: सुमित्र प्रकाशन 204 लीला अपार्टमेंट्स, 15 हेस्टिंग्स रोड अशोक नगर इलाहाबाद. (Unit II)
- 3 प्रकाशक: राधाकृष्ण प्रकाशन दिल्ली. (Unit III)
- 4 पुस्तक: व्याकरण प्रदीप – रामदेवप्रकाशक: हिन्दी भवन 36 इलाहाबाद. (Unit IV)
- 5 प्रकाशक: दक्षिण भारत प्रचार सभा चेन्नई. (Unit V)



Course Code	Course Name	Category	L	T	P	Credit
221TL1A2MA	MALAYALAM- II: MODERN LITERATURE	LANGUAGE - I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature, to learn the techniques for expansion of ideas and translation process
- the competency in translating simple Malayalam sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Expose the knowledge writing critical views on fiction	K2
CO4	Build creative ability	K3
CO5	Apply the power of creative reading	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1					
CO2					
CO3			✓		
CO4	✓			✓	✓
CO5		✓			✓

COURSE FOCUSES ON

✓ Skill Development	✓ Entrepreneurial Development
✓ Employability	✓ Innovations
✓ Intellectual Property Rights	✓ Gender Sensitization
✓ Social Awareness/ Environment	✓ Constitutional Rights/ Human Values/ Ethics



221TL1A2MA	MALAYALAM - II: MODERN LITERATURE	SEMESTER II
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I Novel 12 h

Enmakaje: Chapter 1- Chapter 5

Unit II Novel 10 h

Enmakaje: Chapter 6 - Chapter 10

Unit III Novel 12 h

Enmakaje: Chapter 11 - Chapter 15

Unit IV Autobiography 14 h

Neermathalam Pootha Kalam: Chapter 1 - Chapter 10

Unit V Autobiography 12 h


Neermathalam Pootha Kalam: Chapter 11 - Chapter 20

Text Books

1. Ambika Suthan Mangad, Enmakaje (Novel), DC Books Kottayam, Kerala, India. (Unit I to III)
2. Madhavikkutty, Neermathalam Pootha Kalam (Autobiography), DC Books Kottayam, Kerala, India. (Unit IV & V)

References

1. Malayala Novel Sahithyam, DC Books Kottayam, Kerala, India.
2. Malayala Sahithya Charithram, National Books Kottayam, Kerala, India.

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Course Code	Course Name	Category	L	T	P	Credit
221TL1A2FA	FRENCH- II: GRAMMAR, TRANSLATION AND CIVILIZATION	LANGUAGE - I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the Competence in General Communication Skills – Oral + Written- Comprehension & Expression
- the Culture, life style and the civilization aspects of the French people as well as of France
- the students to acquire Competency in translating simple French sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the Basic verbs, numbers and accents	K1
CO2	Apply the adjectives and the classroom environment in France	K2
CO3	Select the Plural, Articles and the Hobbies	K2
CO4	Measure the Cultural Activity in France	K3
CO5	Evaluate the sentiments, life style of the French people and the usage of the conditional tense	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1					✓
CO2					
CO3		✓			
CO4					
CO5					✓

COURSE FOCUSES ON

<input checked="" type="checkbox"/>	Skill Development	<input checked="" type="checkbox"/>	Entrepreneurial Development
<input checked="" type="checkbox"/>	Employability	<input checked="" type="checkbox"/>	Innovations
<input checked="" type="checkbox"/>	Intellectual Property Rights	<input checked="" type="checkbox"/>	Gender Sensitization
<input checked="" type="checkbox"/>	Social Awareness/ Environment	<input checked="" type="checkbox"/>	Constitutional Rights/ Human Values/ Ethics



221TL1A2FA	FRENCH - II: GRAMMAR, TRANSLATION AND CIVILIZATION	SEMESTER II
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I

12 h

Proposer, accepter, refuser une invitation. Indiquer la date.	Organiser une soirée au cinéma avec des amis, par téléphone et par courriel.	Comprendre un message d'invitation sur un répondeur téléphonique. Inviter quelqu'un à accepter ou refuser l'invitation.
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Unit II

12 h

Prendre et fixer un rendez-vous. Demander et indiquer l'heure.	Organiser une soirée au cinéma avec des amis, par téléphone et par courriel.	Comprendre des personnes qui fixent un rendez-vous par téléphone. Prendre un rendez-vous par téléphone
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Unit III

12 h

Exprimer son point de vue positif et négatif. S'informer sur le prix. S'informer sur la quantité. Exprimer la quantité.	En groupes, choisir un cadeau pour un ami.	Exprimer son point de vue sur des idées de cadeau. Faire des achats dans un magasin
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Unit IV

14h

Demander et indiquer une direction. Localiser (près de, en face de ...). Exprimer l'obligation / l'interdit. Conseiller.	Suivre un itinéraire à l'aide d'indications par téléphone et d'un plan. Par courrier électronique, donner des informations et des conseils à un ami qui veut voyager.	Comprendre des indications de direction. Comprendre des indications de lieu. Comprendre une chanson. Comprendre de courts messages qui expriment l'obligation ou l'interdiction. Donner des conseils à des personnes dans des situations données.

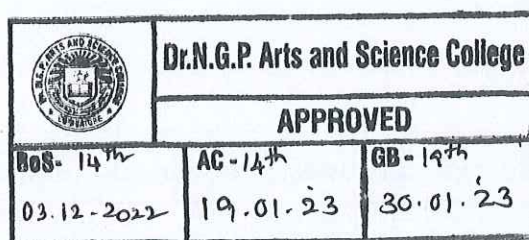
Unit V

10 h

Make in Own Sentences

Text Book

- 1 Regine Merieux, Yves Loiseau, "LATITUDES - 1" (Page No: 56-101) (Méthode de Français), Goyal Publisher & Distributors Pvt.Ltd., 86 UB Jawahar Nagar (Kamala Nagar), New Delhi-7 Les Editions Dider, Paris, 2008- Imprime en Roumanie par Canale en Janvier 2012.(Unit I to IV)



Course Code	Course Name	Category	L	T	P	Credit
221EL1A2EA	PROFESSIONAL ENGLISH - II	LANGUAGE- II	4	-	1	3

PREAMBLE

This course has been designed for students to learn and understand

- the language for specific purposes through various literary manuscripts
- the process of communicative competences in academics through authentic contexts
- the different formats of business correspondence with lucidity and accuracy via various media

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn to appreciate the works of eminent writers from various genres	K1
CO2	Construct and comprehend complex situational talks	K3
CO3	Identify formal and informal communicative context to speak fluently	K3
CO4	Infer the denotative and connotative meanings while reading specialized texts	K2
CO5	Develop the skill of writing through descriptions, narrations and essays	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1				✓	✓
CO2				✓	✓
CO3				✓	✓
CO4				✓	✓
CO5				✓	✓

COURSE FOCUSES ON

✓ Skill Development	✓ Entrepreneurial Development
✓ Employability	✓ Innovations
✓ Intellectual Property Rights	✓ Gender Sensitization
✓ Social Awareness/ Environment	✓ Constitutional Rights/ Human Values/ Ethics



221EL1A2EA	PROFESSIONAL ENGLISH - II	SEMESTER II
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I Genre Studies 12 h

John Keats: La Belle Dame Sans Merci - Author's Note - title indications- outline- paraphrasing the poem- context of poem- form- poetic devices- enjambment- techniques- Annotations

A. G. Gardiner: On Keyhole Morals- Author's Note- Title indications- Outline - Passage Analysis - context of the Prose - Narrative techniques- Style

Charles Lamb: A Dissertation upon Roast Pig- Author's Note - title indications- outline- paraphrasing the Essay- context of Essay- form- devices- Narrative techniques

John Galsworthy: The Silver Box - Author's Note- Plot Summary- Critical Analysis- Themes- Characters- Description - analysis- Terms- Symbols

Unit II Listening Skills 10 h

Listening to Talks/Lectures by Specialists on selected subject specific topics- Listening to Public Announcements- Listening to Instructions & Directions- Listening to Speeches- Listening to process/event descriptions to identify cause & effects

Unit III Speaking Skills 14 h

Small Talk- Mini Presentations and Making Recommendations- Group Discussions, Debates, and Expressing opinions through Role play- Picture Description- Giving Instruction to Use a Product- Presenting a Product- Summarizing a Lecture- Narrating Personal Experiences/ Events- Interviewing a Celebrity- Scientific Lectures- Educational Videos- Debates- Different Viewpoints on an Issue

Unit IV Reading Skills 12 h

Reading Biographies, Newspaper Reports, Technical Blogs- Reading Advertisements- Gadget Reviews - Newspaper Articles- Journal Reports- Reading Editorials & Blogs- Case Studies- Excerpts from Literary Texts.



Unit V Writing Skills

12 h

Inferring & Interpreting- Predicting Reorganizing Material- Summary Writing Based on the Reading Passages- Writing – Emails & Essay Writing (Descriptive or narrative)- Grammar - Tenses- Question Types: Wh/ Yes or No/ and Tags.

Text Books

- 1 <<https://www.poetryfoundation.org/poems/44475/la-belle-dame-sans-merci-a-ballad/>> (Unit I)
- 2 <<https://sittingbee.com/on-keyhole-morals-a-g-gardiner/>> (Unit I)
- 3 <<https://www.gradesaver.com/charles-lamb-essays/study-guide/summary-a-dissertation-upon-roast-pig/>> (Unit I)
- 4 <<https://public-library.uk/ebooks/41/61.pdf>> The Silver Box- John Galsworthy/> (Unit I)
- 5 Hart, Steve, Aravind R. Nair, Veena Bhambhani. 2016. Embark: English for Undergraduates. Cambridge University Press, New Delhi, India. (Unit II)
- 6 Lakshminarayanan. 2012. A Course Book On Technical English. Scitech Publications Pvt. Ltd, New Delhi, India. (Unit III)
- 7 Raman, Meenakshi & Sangeeta Sharma. 2016. Technical Communication- Principles And Practice, Oxford University Press, New Delhi, India. (Unit IV)
- 8 Viswamohan, Aysha. 2017. English For Technical Communication (With CD), McGraw Hill (India) Private Limited, New Delhi, India. (Unit V)

References

- 1 Bajwa and Kaushik. 2010. Springboard to Success- Workbook for Developing English and Employability Skills. Orient Black Swan, Chennai, India.
- 2 Chellammal, V. 2003. Learning to Communicate. Allied Publishing House, New Delhi, India.
- 3 Krishnaswamy. N, Lalitha Krishnaswamy & B.S. Valke. 2015. Eco English, Learning English through Environment Issues. An Integrated, Interactive Anthology. Bloomsbury Publications, New Delhi, India.
- 4 Syamala. V. 2002. Effective English Communication for You. Emerald Publishers, Chennai, Tamil Nadu, India.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A2CA	FUNDAMENTALS OF PATTERN MAKING	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the importance of body measurements and means of taking body measurements.
- the types of patterns making.
- the concept of grading and body fit.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the tools used for taking body measurements and recall the methods of taking body measurements for various garments.	K2
CO2	Classify pattern making techniques and outline their applications for garment designing. Distinguish grading techniques.	K3
CO3	Elaborate the types of pattern layouts and methods of transferring pattern into fabric.	K3
CO4	Importance of fabric preparations for cutting, construction and explain the means of achieving the good fit.	K4
CO5	Create design using dart manipulation for kids, women's and men's apparel.	K5

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	M	S
CO2	M	S	S	S	S
CO3	S	S	M	S	S
CO4	S	S	M	M	M
CO5	S	S	M	M	S

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input checked="" type="checkbox"/> Intellectual Property Rights	<input checked="" type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A2CA	FUNDAMENTALS OF PATTERN MAKING	SEMESTER II
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Introduction of pattern making 10 h

Pattern making- definition, types, drafting, draping and flat pattern making- merits and demerits. Body measurement – importance, preparing for measuring and tools for taking measurements - manual. Body measurements for men, women and children. Tools for clothing construction- measuring tools, marking tools, cutting tools, sewing tools and pressing tools.

Unit II Pattern making and grading techniques 10 h

Drafting -principles of pattern drafting, pattern details, steps in drafting basic bodice front, back, sleeve and collar for men, women and children. Types of paper patterns -patterns for personal measurements and commercial patterns. Draping- techniques to drape basic front bodice, basic back bodice and skirt using dress form. Grading- definition, principles of grading- scientific grading techniques- front, back, sleeve and collar. An introduction to computerized grading.

Unit III Pattern principles and pattern layout 10 h

Pattern layout - definition, rules to remember in pattern layout, types- open layout, lengthwise centre fold, off-centre length wise fold, crosswise centre fold, off centre crosswise fold, double fold and combination fold. Special layouts for asymmetric designs, fabrics with bold designs, stripped and checked designs, fabric with one way design. Dove tailing and piecing. Transferring pattern markings – methods- tracing wheel and carbon paper, tailor chalk, common pins and tailors tacks.

Unit IV Fabric cutting and stitching methods 10 h

Preparation of fabric for cutting -importance of grain in cutting and construction, steps in preparing the fabric for cutting. Fabric cutting- definition and methods- manual cutting, manually operated power knife cutting, computerized cutting. Stitching-stay stitching and ease stitching. Fitting - standards of good fit, different types of fit - classic fit, slim fit, super slim fit.

Unit V Pattern alteration and dart manipulation 08 h

Pattern alteration - importance of altering patterns, general principles for pattern alteration. Basic pattern alterations -lengthening, shortening, alteration for broad




shoulders, narrow shoulders, square shoulders, sloping shoulders, round shoulders, hollow back, hollow chest and large bust patterns. Dart manipulation-creating styles through shifting bodice dart to new position, adding fullness at the top and bottom edges of the bodice, converting darts to seams, incorporating darts into a seam forming the yoke, converting darts to a partial yoke design.

Text Books

- 1 Francesca Steriacci, 2019, "Pattern making techniques for beginners", Laurence King Publishing.
- 2 Helen Joseph, Armstrong, 2006, "Pattern Making for Fashion Design", Library of congress: In-Publication data.

References

- 1 Myers-McDevitt, Paula J, 2016, "Complete guide to size specification and technical design" (Third edition.), Fairchild Books, an imprint of Bloomsbury Publishing.
- 2 Kathy K. Mullet, 2015, "Concepts of Pattern Grading: Techniques for Manual and Computer Grading", (Third edition) Fairchild Books Publishing.
- 3 Zaman, Zarida, 2014, "Fashion pattern cutting: line, shape, and volume", Bloomsbury Publishing.
- 4 Mary Mathews, 2015, "Practical Clothing Construction- Part I and II" Cosmic Press, Chennai.

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RoS - 14th 08-02-2022	AC - 14th 19.01.23	GB - 14th 30.01.23



Course Code	Course Name	Category	L	T	P	Credit
222CF1A2CB	SEWING TECHNOLOGY	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the parts, special attachments and functions of sewing machines.
- the spreading, marking, cutting and sewing technologies.
- the various types of stitches and pressing methods.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Define sewing machines, its types and classification.	K2
CO2	Relate the parts and special attachments of sewing, operating mechanism and adjustments followed.	K3
CO3	Identify the special attachments and analyze the common sewing problems and their remedies.	K3
CO4	Analyze the different methods followed in spreading, marking, cutting and stitching.	K4
CO5	Evaluate the different types of sewing threads, needles and stitches, pressing equipments and applied for the construction of various apparels.	K5

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	M	S	S	S	S
CO3	S	S	S	S	S
CO4	S	S	M	S	M
CO5	S	S	M	M	S

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input checked="" type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A2CB	SEWING TECHNOLOGY	SEMESTER II
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Sewing machineries 8 h

Sewing machineries – types of sewing machines- hand, pedal or treadle, electric and computerized sewing machine. Classification of advanced sewing machines - over lock machine, flat lock machine, bar tacking machine, buttonhole making machine, button fixing machine. Feeding mechanisms - drop feed, differential feed, needle feed, compound feed, unison feed, puller feed.

Unit II Sewing machine parts and their functions 10 h

Parts of a single needle sewing machine –spool pin, thread guides, tension disc, take-up lever, needle bar, bobbin case, presser foot, presser foot lifter, stitch regulator, bobbin winder, flywheel, clutch or thumb screw, slide plate, needle plate or throat plate, feed dog, face plate, spoon pin for bobbin winding. Operating the sewing machine- winding the bobbin, selection of thread and needle, stitching along lines, under threading, top threading, drawing the bobbin thread, sewing on fabric, fastening the thread ends. Adjustments - testing and adjusting tension, adjusting the stitch length, adjusting the pressure of the presser foot, change in the needle.

Unit III Special attachments and maintenance of sewing machines 10 h

Special attachments – hemmer foot, ruffler, binder, tucker, cloth guide, cording foot or zipper foot, gathering foot, feed cover plate. Care and maintenance of sewing machines - cleaning, oiling. Minor troubles and their causes –tangled thread at the beginning, skipped stitches, upper and lower thread breaking, fabric puckering, needle breaking, staggered stitches, uneven stitch length, material not feeding correctly, machine runs heavily.

Unit IV Cutting technology 10 h

Spreading- types, qualities, equipments, tools and its methods. Marking - methods - manual and computerized, types of markers, efficiency of a marker plan, requirements of marker planning. Cutting technology- definition, objectives, and requirements of fabric cutting, advantages and disadvantages. Industrial cutting machines and its categories – manual, semi-automatic - straight knife cutting machine, band knife cutting machine, rotary cutting machine, die cutters and notches, fully automatic - computerized cutting machine, rib cutting machine, laser cutting machine.



Unit V Sewing Essentials and Pressing

10 h


Sewing threads - types, properties of a sewing thread. Needle, types and sizes of needle and its usage. Stitches- definition, standards of stitches, stitch classification, application of various stitches in apparels, defects and remedies of stitches used in apparel industry. Pressing equipments - purpose, types of pressing equipments and methods of pressing- iron, steam press, steam air finisher, special types - pleating and permanent press.

Text Books

- 1 Mary Mathews, 2015, Practical Clothing Construction- Part I and II Cosmic Press, Chennai.
- 2 Neetu Azad, 2019, Sewing Technology Theory and Practical, Neelkan Publishers.

References

- 1 Alison Smith, 2018, The Sewing Book, Dorling Kindersley Limited.
- 2 Zarapker.K.R, 2014, Zarapker system of cutting, Navneet publication India.
- 3 Winifred Aldrich, 2019, Metric pattern Cutting and Tailoring for children and babieswear-4th Edition. John Wiley and son.
- 4 Liz Kettle, 2015, Know your Needles, Landauer Publishing, LLC.

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222CF1A2CP	APPAREL DESIGNING LAB	SEMESTER II
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Total Credits: 3
Total Instructions Hours: 72 h


Exp .No	Contents
1	Sewing methods, machines care, problems and remedies, oiling machine overcome loops. Preparation of samples for seams - Plain seam, Top stitched seam , Flat fell seam, French seam, Mantua maker seam, Piped seam.
2	Preparation of samples for seam finishes - Seam finishes, Pinked finish, Edge stitched finish, Double stitch finish, Overcast finish , Herringbone finish, Bound seam edge finish.
3	Preparation of samples for hems - Seam binding hem, Stitched and turned hem, Catch stitched hem, Narrow machine stitched hem, Rolled or whipped hem, Shell edged hem
4	Preparation of samples for fullness - Darts - closed, fish-eyed or double-pointed dart, Tucks - pin tucks, cross tucks, twisted tucks.
5	Preparation of samples for fullness - Pleats - knife pleat, box pleat, inverted box pleat and kick pleat.
6	Preparation of samples for fullness - Flares, Godets, Shirrs, Frills /Ruffles, Gathers - hand and machine.
7	Preparation of samples for facing - Shaped facing, Bias facing, Binding - single bias binding, double bias binding.
8	Preparation of samples for plackets - Continuous bound placket, Bound and faced placket, Zipper placket, Tailored placket,
9	Preparation of samples for pockets - patch pocket, bound pocket, Yokes - partial yoke and midriff yoke.
10	Preparation of samples for collars - peterpan collar, convertible collar, mandarin collar.
11	Preparation of samples for sleeves - plain sleeve, puff sleeve, cape sleeve.
12	Preparation of samples for fasteners - Button and Button hole, Button loops, press button, hooks and loops, fabric buttons, fancy buttons.

Note: Any Ten is mandatory



References

- 1 Claire Caruso, 2021, "Sewing for Beginners", Claire Caruso Publisher.
- 2 Zarapker K. R, 2014, "Zarapker System of Cutting", Navneet Publications India Ltd.
- 3 Alison Smith, 2018, "The Sewing Book", Dorling Kindersley Limited
- 4 Wendy Gardiner, 2017. "Complete Book of Sewing Techniques", Fox Chapel Publishing Company, Incorporated.

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Course Code	Course Name	Category	L	T	P	Credit
222CE1A2IA	CHEMISTRY IN TEXTILES	IDC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- The manufacture and properties of natural fibres, vegetable fibres, and animal fibers.
- The concepts of manufacturing of soaps and detergents.
- About the latest bleaching techniques, fastness properties and removal of different stains.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the manufacture and properties of vegetable and animal fibers	K2
CO2	Explain the synthetic Fiber.	K2
CO3	Discuss the Manufacture of Soap and Detergents.	K2
CO4	Distinguish the Stiffening and Bleaching process.	K2
CO5	Construct the stain removal and laundry process.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	M	S	S	M	S
CO2	M	S	S	M	S
CO3	M	S	S	M	S
CO4	M	S	S	M	S
CO5	M	S	S	M	S

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input checked="" type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CE1A2IA	CHEMISTRY IN TEXTILES	SEMESTER II
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Vegetable Fibres and Animal Fibres 10 h

Classification of textile fibres- Essential and desirable properties of textile fibres- Cotton fibre -Physical and Chemical properties, Purification, Physical and Chemical properties of Silk and Wool.

Unit II Regenerated and Synthetic Fibres 10 h

Rayon - Different types of rayon- Manufacture, Physical and chemical properties of acetate rayon and viscose rayon - Preparation, properties and uses of Poly amide fibres (Nylon 6 and 66), Polyester (PET) and Polyacrylonitrile (PAN).

Unit III Manufacture of Soap and Detergents 8 h

Laundry soaps - Manufacture of soap (Hot process, cold process), composition of soap, types of soap, cleansing action of soap, soap less detergents, chemical action of detergent, detergent manufacture, advantages of detergents.

Unit IV Stiffening Agents & Bleaches 10 h

Finishes - Stiffening Agents - Starch (cold water and hot water), preparation of starch. Bleaching processes - Bleaching agents (Hydrogen peroxide and Sodium oxy chloride). Bleaching powder and bio-bleaching and their properties- Bleaching of cotton, rayon, wool and synthetic fibers.

Unit V Stains, Dry cleaning and Laundry process 10 h

Stains-Identification and classification, principles of stain removal. Foodstains, paint, perfume, tar, turmeric and kum- kum. Dry cleaning using absorbents and using grease solvents. Types, mechanism and application of laundry blues and fluorescent brightening agents.




Text Books

- 1 Wingate I B, 1984, "Textiles fabrics and their Selection", Allied publishers Ltd, Chennai.
- 2 Susheela Dantyagi, 1980, "Fundamentals of Textiles and their Care", Orient Long mann Ltd.

References

- 1 Shenai V. A, 1991, "Textile Fibres" (Vol. I), Mahajan Publishers, Ahmedabad, India.
- 2 Shenai. V.A., 1998, "Technology of Beaching", Mahajan Publishers, Ahmedabad.
- 3 Gopalakrishnan. R. 1988, "Textile Fibres" SSM, Institute of Textile Technology, Mahajan Publishers, Ahmedabad.
- 4 Durga Duelkar, 2011, "Household Textiles and Laundry Work", Amla Ram & Sons, Delhi.
- 5 Trotman E.R and Griffin B.I, 1990, "Dyeing and Chemical Technology of Textile Fibres", B.I. Publications, New Delhi.

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221TL1A2AA	PART-IV : BASIC TAMIL	SEMESTER II
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Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

இளங்கலை 2022 – 23ஆம் கல்வியாண்டு முதல் சேர்வோர்க்குரியது
(10 மற்றும் 12 – ஆம் வகுப்பு வரை தமிழ் மொழிப்பாடம் பயிலாதவர்களுக்கு)

(பருவத் தேர்வு இல்லை)

Syllabus

Unit I	தமிழ் மொழியின் அடிப்படைக் கூறுகள்	05 h
	எழுத்துகள் அறிமுகம்	
	1. உயிர் எழுத்துக்கள் - குறில் , நெடில் எழுத்துகள்	
	2. மெய் எழுத்துக்கள் - வல்லினம், மெல்லினம், இடையினம்	
	3. உயிர்மெய் எழுத்துக்கள்	
	4. பயிற்சி	
Unit II	சொற்களின் அறிமுகம்	05 h
	1.பெயர்ச்சொல்	
	2.வினைச்சொல் – விளக்கம் (எ.கா.)	
	3.பயிற்சி	
Unit III	குறிப்பு எழுதுதல்	05 h
	1. பெயர், முகவரி, பாடப்பிரிவு , கல்லூரியின் முகவரி	
	2. தமிழ் மாதங்கள்(12), வாரநாட்கள்(7)	
	3. எண்கள் (ஒன்று முதல் பத்து வரை), வடிவங்கள், வண்ணங்கள்	
Unit IV	குறிப்பு எழுதுதல்	05 h
	1. ஊர்வன, பறப்பன, விலங்குகள்	
	2. மனிதர்களின் உறவுப்பெயர்கள்	
	3. ஊர்களின் பெயர்கள் (எண்ணிக்கை 10)	



Unit V பயிற்சிப் பகுதி

04 h

பயிற்சிப் பகுதி (உரையாடும் இடங்கள்)

வகுப்பறை, பேருந்து நிலையம், சந்தை - பேசுதல், எழுதுதல்.

Notes:

அக மதிப்பீட்டுத் தேர்வு - வினாத்தாள் அமைப்பு முறை

மொத்த மதிப்பெண்கள் - 50

பகுதி - அ

சரியான விடையைத் தேர்வு செய்தல்

10x2=20

பகுதி - ஆ

சரியா? தவறா?

10x2=20

பகுதி - இ

ஒரு பக்க அளவில் விடையளிக்க

1x10=10

குறிப்பு:

- அனைத்து அலகுகளில் இருந்தும் வினாக்கள் அமைதல் வேண்டும்
- பகுதி இ -க்கான வினாக்கள் இது அல்லது அது என்ற அடிப்படையில் அமைதல் வேண்டும்


Text Book

அடிப்படைத் தமிழ் - 2022-2023, தொகுப்பு: தமிழ்த்துறை, டாக்டர் என்.ஜி.பி. கலை

- 1 அறிவியல் கல்லூரி, கோயம்புத்தூர் - 641048, வெளியீடு: நியூ செஞ்சுரி புக் ஹவுஸ், சென்னை. (Unit I to IV)

References

- 1 ஒன்றாம் வகுப்பு பாடநூல் - தமிழ்நாடு அரசு பாடநூல் கழகம், சென்னை.
- 2 தமிழ் இணையக் கல்விக்கழகம் - TAMIL VIRTUAL ACADEMY
வலைதள முகவரி : <https://www.tamilvu.org>.

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221TL1A2AB	PART - IV : ADVANCED TAMIL	SEMESTER II
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Total Credits: 2

Total Instruction Hours: 24 h

இளங்கலை 2022–2023 ஆம் கல்வியாண்டு முதல் சேர்வோர்க்குரியது
(10 மற்றும் 12 – ஆம் வகுப்புகளில் தமிழ் மொழிப்பாடம் பயின்றவர்களுக்கு உரியது)
(பருவத் தேர்வு இல்லை)
Syllabus

Unit I கவிதைகள் 06 h

- 1.தமிழ்நாடு - பாரதியார்
- 2.மனதில் உறுதி வேண்டும் - பாரதியார்
3. இன்பத்தமிழ் - பாரதிதாசன்
- 4.வேலைகளல்ல வேள்விகள் - தாராபாரதி
- 5.தமிழா! நீ பேசுவது தமிழா! - காசியானந்தன்
6. நட்புக் காலம் (10 கவிதைகள்) - அறிவுமதி கவிதைகள்

Unit II கட்டுரை 05 h

கட்டுரைத் தொகுப்பு - நல்வாழ்வு - டாக்டர் மு.வரதராசன்

1. நம்பிக்கை
2. புலனடக்கம்
3. பண்பாடு

Unit III இலக்கணம் 04 h

- 1.வல்லினம் மிகும் மற்றும் மிகா இடங்கள்
2. ர,ற,ல,ழ,ள,ந,ண,ன – வேறுபாடு அறிதல்

Unit IV கடிதங்கள் 05 h

1. பாராட்டுக் கடிதம்
2. நன்றிக் கடிதம்
3. அழைப்புக் கடிதம்
4. அலுவலக விண்ணப்பங்கள்

Unit V பயிற்சிப் பகுதி 04 h

படைப்பாக்கப் பகுதி

பொதுத் தலைப்புகளில் கவிதை, கட்டுரை எழுதச் செய்தல்



Notes

அக மதிப்பீட்டுத் தேர்வு - வினாத்தாள் அமைப்பு முறை

மொத்த மதிப்பெண்கள் - 50

பகுதி - அ

சரியான விடையைத் தேர்வு செய்தல்

10x1=10

பகுதி - ஆ

கோடிட்ட இடங்களை நிரப்புக.

10x2=20

பகுதி - இ

இரண்டு பக்க அளவில் விடையளிக்க

2x10=20

குறிப்பு:


- அனைத்து அலகுகளில் இருந்தும் வினாக்கள் அமைதல் வேண்டும்
- பகுதி இ -க்கான வினாக்கள் இது அல்லது அது என்ற அடிப்படையில் அமைதல் வேண்டும்

Text Book

- 1 சிறப்புத் தமிழ் - 2022-2023, தொகுப்பு: தமிழ்த்துறை, டாக்டர் என்.ஜி.பி. கலை அறிவியல் கல்லூரி, கோயம்புத்தூர். வெளியீடு: நியூ செஞ்சுரி புக் ஹவுஸ், சென்னை. (Unit- I to IV)

References

- 1 பேராசிரியர் புலவர் சோம. இளவரசு, எட்டாம் பதிப்பு. 2014. தமிழ் இலக்கிய வரலாறு - மணிவாசகர் பதிப்பகம், சென்னை.
- 2 டாக்டர் மு.வரதராசன். 2010. நல்வாழ்வு, பாரி நிலையம், சென்னை.
- 3 பேராசிரியர் முனைவர் பாக்கியமேரி, முதற் பதிப்பு. 2013. இலக்கணம் - இலக்கிய வரலாறு - மொழித்திறன் - பூவேந்தன் பதிப்பகம், சென்
- 4 தமிழ் இணையக் கல்விக்கழகம் - TAMIL VIRTUAL ACADEMY. வலைதள முகவரி : <https://www.tamilvu.org>

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Course Code	Course Name	Category	L	T	P	Credit
225CR1A2AA	HUMAN RIGHTS AND WOMEN'S RIGHTS	AECC	2	-	-	2

PREAMBLE

This course has been designed for students to learn and understand

- Concepts of Human Rights
- Human Right Violations and Redressal Mechanism
- Rights to Women and Child

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the Basic concepts of Human Rights	K1
CO2	Describing Fundamental Rights	K2
CO3	Impart knowledge on Human Right Violations and Redressal Mechanism.	K4
CO4	Extend a comprehensive knowledge on Rights to Women and Child	K3
CO5	Analyze the knowledge on Civil and Political Rights of Women	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1				✓	✓
CO2				✓	✓
CO3				✓	✓
CO4				✓	✓
CO5				✓	✓

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input type="checkbox"/> Innovations
<input checked="" type="checkbox"/> Intellectual Property Rights	<input checked="" type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



225CR1A2AA	HUMAN RIGHTS AND WOMEN'S RIGHTS	SEMESTER II
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Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

Unit I Introduction to Human Rights 04 h

Human Rights: Meaning, Definition, Nature, Content - Legitimacy of Human Rights - Origin and Development of Human Rights - Theories - Principles of Magna Carta - Modern Movements of Human Rights - The Future of Human Rights.

Unit II Human Rights in India 05 h

The Constitution of India - Fundamental Rights - Right to Life and Liberty - Directive Principles of State Policy - Fundamental Duties - Individual and Group Rights - Other facets of Human Rights - Measures for Protection of Human Rights in India.

Unit III Human Right Violations and Redressal Mechanism 05 h

Human Rights - Infringement of Human Right by State Machinery and by Individual - Remedies for State action and inaction - Constitutional remedies - Public Interest Litigation (PIL) - Protection of Human Rights Act, 1993 - National Human Rights Commission - State Human Rights Commissions - Constitution of Human Right Courts.

Unit IV Rights to Women and Child 05 h

Matrimonial protection - Protection against dowry-Protection to pregnancy-Sexual offences - Law relating to work Place - Directive principles of Constitution (Article 39 a, d, e & Article 42, 43 & 46) - Trafficking of women - Constitutional Rights - Personal Laws - Protection of children against Sexual Offences Act 2012 (POCSO).

Unit V Civil and Political Rights of Women 05 h

Right of inheritance - Right to live with decency and dignity - The Married women's Property Act 1874 - Women's right to property - Women Reservation Bill - National Commission for Women - Political participation - Pre independent political participation of women - Participation of Women in post independent period.




Text Books

- 1 Lalit Parmar, 1998, "Human Rights", Anmol Publications Pvt. Limited, New Delhi.
- 2 Women & Law, 2009, "Krishna Pal Malik", Allahabad Law University, New Delhi.

References

- 1 Mandagadde Rama Jois, 2015, "Human Rights", Bharatiya Values, Bharatiya Vidya Bhavan Publications, Mumbai.
- 2 Paras Diwan and Piyush Diwan, 1994, "Women and Legal Protection", South Asia Books, Andhra Pradesh.
- 3 Venkataramand Sandhiya. N, 2001, "Research in Value Education", APH Publishing Corporation, New Delhi.
- 4 Anand A S, 2008, "Justice for Women: Concerns and Expressions", Universal Law Publishing Co., New Delhi.

Dr. N. G. P. Arts and Science College
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Course Code	Course Name	Category	L	T	P	Credit
221TL1A3TA	TAMIL - III	LANGUAGE - I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்பாடுநாகரீகம், பகுத்தறிவு ஆகியவற்றை அறியச் செய்தல்
- கலை மற்றும் மரபுகளை அறியச் செய்தல்
- மாணவர்களின் படைப்பாக்கத்திறன்களை ஊக்குவித்தல்

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	வாழ்க்கைத்திறன்கள் (Life Skills) - மாணவர்களின் செயலாக்கத்திறனை ஊக்குவித்தல்	K1
CO2	மதிப்புக்கல்வி (Attitude and Value education)	K2
CO3	பாடஇணைச்செயல்பாடுகள் (Co-curricular activities)	K2
CO4	சூழலியல் ஆக்கம் (Ecology)	K3
CO5	மொழி அறிவு(Tamil knowledge)	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓		
CO2				✓	
CO3		✓			
CO4	✓		✓		
CO5	✓			✓	

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input checked="" type="checkbox"/> Intellectual Property Rights	<input checked="" type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



221TL1A3TA	TAMIL - III	SEMESTER III
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I காப்பியங்கள் 10 h

1. சிலப்பதிகாரம் - வழக்குரை காதை
2. மணிமேகலை - ஆதிரை பிச்சையிட்ட காதை

Unit II காப்பியங்கள் 10 h

1. கம்பராமாயணம் - கும்பகர்ணன் வதைப்படலம்: பா. எண் : 60 முதல் - 100 வரை
2. பெரிய புராணம் - அதிபத்த நாயனார் புராணம்

Unit III சிற்றிலக்கியங்கள் 10 h

1. திருக்குற்றாலக்குறவஞ்சி - வசந்தவல்லி பந்தாடிய சிறப்பு (6: 4 கண்ணிகள்)
2. கலிங்கத்துப்பரணி- களம் பாடியது: போர்க்களக் காட்சி- பா.எண்: 472 முதல்- 502 வரை

Unit IV இலக்கிய வரலாறு 10 h

1. காப்பியங்களின் தோற்றமும் வளர்ச்சியும்
2. சிற்றிலக்கியங்களின் தோற்றமும் வளர்ச்சியும்
3. நாடகத்தின் தோற்றமும் வளர்ச்சியும்

Unit V இலக்கணம் & பயிற்சிப் பகுதி 08 h

அ. இலக்கணம்

1. 'பா' வகைகள் : வெண்பா, ஆசிரியப்பா, கலிப்பா, வஞ்சிப்பா - பொது இலக்கணம் மட்டும்.
2. அணி: உவமையணி, உருவக அணி, இல்பொருள் உவமையணி விளக்கம், உதாரணம்.

ஆ. பயிற்சிப் பகுதி

1. வாசகர் கடிதம் : நாளிதழ், வானொலி, செய்தி ஊடகங்களுக்கு



விமர்சனம் எழுதுதல்

2.திரைக்கதை : மத்திய மற்றும் மாநில அரசு விருது பெற்ற தமிழ்த் திரைப்படங்கள் மட்டும்

Text Book

தமிழ் மொழிப்பாடம் - 2022-2023, தொகுப்பு: தமிழ்த்துறை, டாக்டர் என்.

- 1 ஜி. பி. கலை அறிவியல் கல்லூரி, கோயம்புத்தூர். வெளியீடு: நியூ செஞ்சுரி புக் ஹவுஸ், சென்னை. (Unit I to V)

References

- 1 பேராசிரியர் புலவர் சோம. இளவரசு, எட்டாம் பதிப்பு - 2014, தமிழ் இலக்கிய வரலாறு- மணிவாசகர் பதிப்பகம், சென்னை.
- 2 பேராசிரியர் முனைவர் பாக்கியமேரி, முதற் பதிப்பு- 2013, இலக்கணம் - இலக்கிய வரலாறு - மொழித்திறன் - பூவேந்தன் பதிப்பகம், சென்னை. .
- 3 தமிழ் இணையக் கல்விக்கழகம் - TAMIL VIRTUAL ACADEMY. வலைதள முகவரி: <https://www.tamilvu.org>



Course Code	Course Name	Category	L	T	P	Credit
221TL1A3HA	HINDI - III	LANGUAGE- I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature
- the techniques for expansion of ideas and translation process

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Expose the knowledge writing critical views on fiction	K2
CO4	Build creative ability	K3
CO5	Apply the power of creative reading	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	✓
CO2		✓			✓
CO3	✓		✓	✓	
CO4					✓
CO5	✓	✓	✓		✓

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input checked="" type="checkbox"/> Intellectual Property Rights	<input checked="" type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



221TL1A3HA	HINDI - III	SEMESTER III
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I 10 h

पद्य – काव्य पराशर (भोलानाथ)

(प्राचीन- कबीर, तुलसी, सुर, मीरा, आधुनिक- मैथिलीशरण गुप्त, अरुण कमल)

Unit II 10 h

हिन्दी साहित्य का इतिहास: (साधारण ज्ञान)

Unit III 10 h

अलंकार: अनुप्रास, यमक, श्लेष, वक्रोक्ति, उपमा, रूपक

Unit IV 10 h

संवाद लेखन

Unit V 08 h

अनुवाद अभ्यास-III (केवल हिन्दी से अंग्रेजी में)

(पाठ 10 to 20)

Text Books

- 1 प्रकाशक: जवाहर पुस्तकालय सदर बाजार, मथुरा उत्तर प्रदेश-281001 (Unit I)
- 2 आचार्य रामचन्द्र शुक्ल लोकभारती प्रकाशन इलाहाबाद. (Unit II)
- 3 प्रकाशक: विनोद पुस्तक मंदिर आगरा-282002 (Unit III)
- 4 पुस्तक: व्याकरण प्रदिप – रामदेव प्रकाशक: हिन्दी भवन 36 इलाहाबाद-211024 (Unit IV)
- 5 प्रकाशक: दक्षिण भारत प्रचार सभा चेन्नई -17 (Unit V)



Course Code	Course Name	Category	L	T	P	Credit
221TL1A3MA	MALAYALAM - III	LANGUAGE- I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature, to learn the techniques for expansion of ideas and translation process
- the competency in translating simple Malayalam sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Expose the knowledge writing critical views on fiction	K2
CO4	Build creative ability	K3
CO5	Apply the power of creative reading	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	
CO2	✓				✓
CO3		✓	✓		
CO4	✓			✓	✓
CO5	✓	✓	✓		✓

COURSE FOCUS ON

✓ Skill Development	✓ Entrepreneurial Development
✓ Employability	✓ Innovations
✓ Intellectual Property Rights	✓ Gender Sensitization
✓ Social Awareness/ Environment	✓ Constitutional Rights/ Human Values/ Ethics



221TL1A3MA	MALAYALAM - III	SEMESTER III
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I	Poetry	10 h
	Kumaranasan	
Unit II	Poetry	10 h
	Kumaranasan	
Unit III	Poetry	10 h
	Kumaranasan	
Unit IV	Poetry	10 h
	Vayalar Ramavarma	
Unit V	Poetry	08 h
	Vayalar Ramavarma	

Text Books

- 1 Kumaranasan. 1998. Chinthavishtayaya Sitha. DC Books Kottayam, Kerala, India. (Unit I to III)
- 2 Ayisha (Poem), National Book Stall Kottayam, Kerala, India. (Unit IV & V)

Reference

- 1 Dr.M.Leelavathy. Kavitha Sahithya Charithram. Sahithya Academy Thrissur, Kerala, India.



Course Code	Course Name	Category	L	T	P	Credit
221TLIA3FA	FRENCH - III	LANGUAGE-I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the Competence in General Communication Skills – Oral + Written- Comprehension & Expression
- the Culture, life style and the civilization aspects of the French people as well as of France
- the students to acquire Competency in translating simple French sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the Basic verbs, numbers and accents	K1
CO2	Apply the adjectives and the classroom environment in France	K2
CO3	Select the Plural, Articles and the Hobbies	K2
CO4	Measure the Cultural Activity in France	K3
CO5	Evaluate the sentiments, life style of the French people and the usage of the conditional tense	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓				✓
CO2	✓	✓			
CO3			✓	✓	
CO4	✓	✓			✓
CO5	✓		✓	✓	✓

COURSE FOCUSES ON

✓ Skill Development	✓ Entrepreneurial Development
✓ Employability	✓ Innovations
✓ Intellectual Property Rights	✓ Gender Sensitization
✓ Social Awareness/ Environment	✓ Constitutional Rights/ Human Values/ Ethics



221TL1A3FA	FRENCH - III	SEMESTER III
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I 10 h

<ul style="list-style-type: none"> ° Décrire un lieu. ° Situer 	A partir d'une recherche de documents, composer une présentation touristique pour un magazine ou un site internet.	Comprendre la description d'un lieu. Décrire une ville ou une région qu'on aime. Interroger sur la situation d'un lieu. Comprendre des indications sur la fréquence d'actions.	Comprendre une présentation de catalogue touristique. Comprendre des pictogrammes. Comprendre la description d'un lieu et d'une situation précise dans un message électronique.
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Unit II 10 h

Se situer dans le temps.	A partir d'une recherche de documents, composer une présentation touristique pour un magazine ou un site internet.	Comprendre la description d'un lieu. Décrire une ville ou une région qu'on aime. Interroger sur la situation d'un lieu. Comprendre des indications sur la fréquence d'actions.	Comprendre une présentation de catalogue touristique. Comprendre des pictogrammes. Comprendre la description d'un lieu et d'une situation précise dans un message électronique.
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Unit III 10 h

Raconter. <ul style="list-style-type: none"> ° Décrire les étapes d'une action. 	Raconter une scène insolite à l'oral et à l'écrit.	Comprendre le récit d'un voyage. Raconter ses actions quotidiennes.	Ecrire une biographie à partir d'éléments écrits.
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Unit IV 10 h

Exprimer l'intensité et la quantité. <ul style="list-style-type: none"> ° Interroger. 	Raconter une scène insolite à l'oral et à l'écrit.	Comprendre le récit d'un voyage. Raconter ses actions quotidiennes.	Ecrire une biographie à partir d'éléments écrits.
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Unit V 08 h

Make in Own Sentences based on the above Lessons

Text Book

- 1 LATITUDES I (Méthode de français) Pages from 102-127, Author : Regine Mérieux, Yves Loiseau (Unit I to IV)



Course Code	Course Name	Category	L	T	P	Credit
221EL1A3EA	PROFESSIONAL ENGLISH - III	LANGUAGE- II	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the basics of English grammar and specific usage
- the importance of the vocabulary and use in different contexts
- the necessity of communication and composition writing skills

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Infer the specific usage of while-listening process	K2
CO2	Organize the various abilities and sub-skills involved in reading	K3
CO3	Utilize the importance of speaking skills and developing it through various practices	K3
CO4	Assume the sentence construction and paragraph development	K4
CO5	Acquire all-round mature outlook to function effectively in different context	K4

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1			✓		✓
CO2	✓	✓		✓	
CO3	✓		✓		✓
CO4	✓		✓		
CO5		✓		✓	

COURSE FOCUSES ON

✓ Skill Development	✓ Entrepreneurial Development
✓ Employability	✓ Innovations
✓ Intellectual Property Rights	✓ Gender Sensitization
✓ Social Awareness/ Environment	✓ Constitutional Rights/ Human Values/ Ethics



221EL1A3EA	PROFESSIONAL ENGLISH - III	SEMESTER III
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I Listening and Reading 09 h

Listening in casual conversation, Small group and Conference setting - Listening for Factual Information, Detail and Situation - Developing Listening skills- Why do we avoid Listening- Poor Listening - Disadvantages - Poor listening vs Effective Listening - Basics of Reading- efficient and inefficient readers- Advantages - Benefits and Effective reading and comprehension skills- Need for Developing Efficient Reading skills- Four Basic steps of Effective Reading - Stumbling blocks in becoming an effective Reader- Improving Vocabulary power- Strategies for Comprehending and Retaining content- Effective Note Taking while Reading

Unit II Speaking 11 h

Purpose of General Conversations- Advantages, features of a good conversation- Tips for improving conversation- public speaking- importance of public speaking- Benefits, Tips, Overcoming fear of public speaking- Preparatory steps - Structuring the contents- Audience Awareness- Mode of Delivery

Unit III Writing Skills 10 h

CV and Job Applications- How to make your letter stand out?- Employers expectation - Organize the material - Useful suggestions- Cover Letter- Content to be included - Tone of the letter - Report Writing- importance - features- Types - main parts - Feasibility report- Accident report- Scientific report- Memos - Introduction - Structure- Proposal Writing- Key factors- Types- Contents- Format- Evaluation

Unit IV Effective Skills in Language 10 h

Using Word's Effectively- Mastering Spelling Techniques- Structuring Phrases and Clauses- Writing Effective Sentences- Building Effective paragraphs- Revising, Editing and Proof reading

Unit V Soft Skills 08 h

Introduction- What are soft skills?- Importance of soft skills- Attributes- Social soft skills- Thinking- Negotiating- Exhibiting- Identifying- Improving- Will formal training enhance your soft skills? - Soft Skills training -Train Yourself- Practicing soft skills- Measuring attitude - Self-Discovery: Importance of knowing yourself- Process - SWOT analysis - Benefits - Usage - SWOT Analysis grid



Text Books

- 1 Camp and Satterwhite. 1998. College English and Communication. 7th Edition
Glencoe Mchrawtill Publishers, New York, Unites States of America. (Unit I, II, III)
- 2 Kumar, Sanjay and Lata Pushp. 2018. Language and Communication Skills for
Engineers. First Edition, Oxford University Press, India. (Unit I, II, III)
- 3 Mohan, Krishna and Banerji, Meera. 2009. Developing Communication skills.
2nd Edition, Macmillcan, India. (Unit I, II, III, IV)
- 4 Alex. Soft Skills. 2009. S. Chand Publishing, New Delhi, India. (Unit V)

References

- 1 Ghosh, B.N. Editor. 2017. Managing Soft Skills for Personality Development.
McGraw- Hill Education, Chennai, India.
- 2 Miles Craven. 2008. Cambridge English Skills Real Listening and Speaking.
First Edition, Cambridge University Press, United Kingdom.
- 3 Mishra, Gauri and Ranjana Kaul.2016. Language Through Literature. Primus
Books, India.
- 4 Pillai G, Radhakrishna. 2000. English for Success. Emerald Publishers,
Chennai, India.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A3CA	FABRIC STRUCTURE AND DESIGN	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand the

- process involved in woven, knit and nonwoven fabrics.
- weave, knit and nonwoven mechanism and structures.
- fabrication sequence and techniques

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Outline the elements of woven design, methods of fabric representation.	K2
CO2	Get acquaint with different types of weaves as Twill, Crepe, Honey comb, Huck a back, Mock leno, Backed fabrics, Dobby and Jacquard.	K2
CO3	Understand the basics of knitting, classification of warp and weft knit, elements and three way techniques to develop design.	K2
CO4	Analyse the importance of weft knitting and warp knitting, production of special fabrics and elasticized fabrics, characteristics and its applications.	K4
CO5	Interpret the knowledge access to identify the nonwoven process sequence in manufacturing, types and applications. Difference between woven, knit and nonwoven fabrics	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓		
CO2	✓	✓		✓	
CO3	✓				✓
CO4	✓	✓	✓		
CO5	✓				

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A3CA	FABRIC STRUCTURE AND DESIGN	SEMESTER III
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Introduction to Weaving 10 h

Weaving – introduction to weaving, definition, manufacturing sequence of woven fabric. Elements of woven design – design, draft and peg plan. Methods of fabric representation (weave and knit). Draft – types - straight, pointed, skip, broken and grouped. Types of weaves – plain - warp rib, weft rib, matt.

Unit II Types of weave 10 h

Twill weave – types – continuous twill, zigzag twill, rearrange twill, combination twill, broken twill and transposed twill. Crepes weaves – types – honey comb weave – ordinary and brighten honeycomb. Huck a back weave – mock leno weaves – backed fabrics – warp backed and weft backed. Dobby and Jacquard.

Unit III Introduction to Knitting 9 h

Introduction to knitting, history and definition – classification of warp and weft knitting – basic elements of warp and weft knitting – three way technique to develop design – knit, tuck and miss, comparison of weaving and knitting.

Unit IV Weft and Warp Knitting 10 h

Weft knitting – single jersey, rib, interlock, purl and pique. Warp knitting – lapping variations – tricot, raschel, single bar and multi - bar machines – production of nets, curtains, heavy fabric and elasticized fabric- lycra, neoprene, tulle- characteristics and its application.

Unit V Introduction to nonwovens 9 h

Introduction to nonwovens – definition and process sequence in manufacturing. Types of nonwovens – types of web formation, different bonding techniques – mechanical bonding, chemical bonding, thermal bonding, spun bond and melt blown. Application of non-woven fabrics. Difference between woven, knit and nonwoven fabrics.



Text Books

- 1 Mohd Pahmi Saiman Akmal Uzir, 2021, Woven Fabric Structure and Design, Published by P S P Jalan Permatang Pauh, 13500 Permatang Pauh Pulau Pinang, ISBN 978-967-0783-90-1
- 2 N. Gokarneshan, 2009, Fabric structure and Design, New Age International publishers, ISBN (10) :81-224-2307-8 ISBN (13) : 978-81-224-2307-5.

References

- 1 Textile Engineering: Knitting Technology, Erasmus, 2018.
- 2 S.J. Russell, Hand book of Nonwovens, Wood head Publishing, ISBN: 9781845691998, 2006.
- 3 John Gillow, Nicholas Barnard, 2008. Indian Textiles, Om Book International.
- 4 Morshed Shikder, 2020, Types of Woven Fabric Structure and Design, <https://www.textileengineers.org/types-of-woven-fabric-structure-design/>.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A3CB	TRADITIONAL TEXTILES AND COSTUMES OF INDIA	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand the

- to know about the traditional costumes of India
- to recall the different types of costumes used during the old ages
- to know about the different accessories used in historic period

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Relate the Indian textiles and type of costumes, symbols and Ancient Indian textiles.	K2
CO2	Outline the woven textiles of India and discuss the dyed and printed textiles of India.	K2
CO3	Describe the traditional costumes of Southern and Eastern India.	K3
CO4	Identify the traditional costume of Northern and Western region of India	K3
CO5	Discuss jewellerys used in the period of ancient civilization and temple jewellerys of southern and tribal jewellerys	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	
CO2	✓		✓		✓
CO3	✓	✓	✓		
CO4	✓	✓		✓	✓
CO5	✓	✓	✓		

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input checked="" type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A3CB	TRADITIONAL TEXTILES AND COSTUMES OF INDIA	SEMESTER III
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Ancient Costumes of India 10 h

Beginning of costume, growth of dress out of tattooing, painting and cutting. Introduction to Indian textiles and costumes - history, types, motifs and symbols. Ancient Indian textiles and costumes - Vedic, Mauryan, Kushans, Satavahanas, Gupta and Mughals.

Unit II Woven Textiles 10 h

Study of woven textiles of India- Dacca muslin, Banaras, Chanderi Brocades, Baluchar, Himrus and Amrus, Kashmir Shawls, Pochampalli, Silk Sarees of Kancheepuram. Study of dyed and printed textiles of India- Bhandhani, Patola, Ikkat, Kalamkari- fabrics and techniques used.

Unit III Costumes of Southern and Eastern Region of India 10 h

Traditional costume of Southern and Eastern India - Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Orissa, Bihar, West Bengal, Assam, Mizoram, Nagaland and Manipur.

Unit IV Costumes of Northern and Western Region of India 9 h

Traditional costume of Northern and Western India - Jammu and Kashmir, Himachal Pradesh, Punjab, Haryana, Uttar Pradesh, Rajasthan, Gujarat, Madhya Pradesh and Maharashtra.

Unit V Indian Jewellery 9 h

Indian Jewellery- Jewellery used in the period of Indus valley civilization, Mauryan period, Gupta period, Pallava and Chola Period, Symbolic Jewellery of South India, Mughal period. Temple Jewellery of South India, Tribal jewellery.



Text Books

- 1] Nicolas Barnard's and James and Hudson 2014, Traditional Indian Textiles , James and Hudson Publication
- 2 Helmut F. Neuman, 2020, Textiles Of India, James and Hudson Publication.

References

- 1 Vishu Arora, 2008, SUVASAS - The Beautified Costumes, Abhishek Publication, Chandigarh.
- 2 Parul Bhatnagar, 2005, Decorative Design History in Indian Textiles and Costumes, Abhishek Publication, Chandigarh.
- 3 <https://.www.Indian-apparel.com/>
- 4 <https://www.Traditionaltextiles.com.au/>



222CF1A3CP	CHILDREN'S APPAREL	SEMESTER- III
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Total Credits: 3

Total Instructions Hours: 72

S.No	List of Experiments
1	Bib
2	Panty
3	Jabla
4	A-Line Frock
5	Yoke Frock
6	Knicker
7	Romper
8	Pinafore
9	Shirt without Yoke
10	Skirt and Blouse

Note: Instructions for the above contents: designing, drafting and constructing the following garments with style variations in neckline, sleeve, pockets, and yoke-with or without fullness. List the measurements required, materials suitable and cost calculations.



References

- 1 Zarapker. K.R, 2014, Zarapker System of Cutting, Navneet Publications India ltd.
- 2 Winifred Aldrich, 2019, Metric Pattern Cutting for Children's Wear and Baby Wear - 4th Edition.
- 3 Manmeet Sodhia .T.B, 2004, Drafting and Draping, Kalyani Publishers.
- 4 Gayatri Verma, 2013, Cutting and Tailoring Course (Illustrated), Asian Publishers



Course Code	Course Name	Category	L	T	P	Credit
226BM1A3IA	ENTREPRENEURIAL DEVELOPMENT	IDC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- Characteristics, functions, types of entrepreneur and factors affecting entrepreneurship and steps for starting a small industry
- Project identification, selection, formulation and preparation of project report
- Institutional support to entrepreneurs and institutional finance to entrepreneurs

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Know the meaning, characteristics, functions and types of entrepreneur.	K1
CO2	Understand the factors affecting entrepreneurial growth and entrepreneurship development programmes.	K2
CO3	Identify the institutional support to entrepreneurs.	K3
CO4	Interpret the characteristics, classification, identification, selection, formulation and contents of a project report.	K3
CO5	Analyze the source of finance for a project.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓				
CO2	✓		✓	✓	
CO3	✓	✓	✓		✓
CO4	✓	✓	✓		
CO5	✓	✓	✓	✓	✓

Course Focuses on

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



226BM1A3IA	ENTREPRENEURIAL DEVELOPMENT	SEMESTER III
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Entrepreneurship 10 h

Meaning of Entrepreneurship - Characteristics - Functions-Types of Entrepreneur- Qualities of a Successful Entrepreneur - Entrepreneur Vs Manager - Role of Entrepreneurship in Economic Development - Women Entrepreneurs - Problems.

Unit II Entrepreneurship Development Programmes 10 h

Factors Affecting Entrepreneurial Growth - Entrepreneurship Development Programmes - Need - Objectives - Course Contents and Curriculum- Phases - Problems - Steps for Starting a Small Industry.

Unit III Institutional support to Entrepreneur 10 h

Institutional Support to Entrepreneurs : DIC- NSIC- SIDO- SISI- SIDCO- KVIC- TCO- Industrial Estates- Start up India - Entrepreneurship Development and Innovation Institute (EDII) of Tamilnadu.

Unit IV Projects 09 h

Project : Characteristics - Classification - Identification - Selection - Project Life Cycle - Project Formulation - Contents of a Project Report - Specimen of a Project Report - Project Appraisal Methods.

Unit V Institutional Finance to Entrepreneurs 09 h

Sources of Finance for a Project: Short Term - Long Term -Institutional Finance to Entrepreneurs: IFCI - ICICI - IDBI - SIDBI - SIPCOT - TIIC - SFC - EXIM Bank.



Text Books

- 1 Khanka.S.S, 2014. Entrepreneurial Development, Chand & Company Ltd.
- 2 Gupta.C.B, Srinivasan.N.P, 2015. Entrepreneurial Development, New Delhi, Sultan Chand and Sons.

References

- 1 Choudhury.S ,2017. Project Management, Chennai: Tata McGraw Hill Publishing Co. Ltd , New Delhi.
- 2 Sangeeta Sharma, 2016. Entrepreneurship Development, New Delhi, PHI Learning Private Limited.
- 3 Nandan.H, 2013. Fundamentals of Entrepreneurship, 10th Edition, New Delhi, PHI Learning Private Limited.



222CF1A3SP	FABRIC STRUCTURE AND DESIGN	SEMESTER- III
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Total Credits: 2

Total Instructions Hours: 48h

S.No	List of Experiments
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- | | |
|----|---|
| 1 | Plain weave |
| 2 | Warp rib/weft rib |
| 3 | Twill weaves (Right hand twill/Left hand twill. |
| 4 | Satin/Sateen |
| 5 | Honey comb weave |
| 6 | Huck a back weave |
| 7 | Dobby weave |
| 8 | Jacquard weave |
| 9 | Plain knit |
| 10 | Rib |
| 11 | Inter lock |
| 12 | Tricot |
| 13 | Raschel – net |
| 14 | Spunlace/ Spun bond nonwoven |
| 15 | Needle punched nonwoven |

Note: Any 10 is mandatory for the above contents: Design, Draft and Peg plan for the Woven Design, Loop Calculation, CPI, WPI for Knits



222CF1ASSB	BODY LANGUAGE AND PERSONAL GROOMING	SEMESTER III
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Total Credit: 1

Syllabus

Unit I Body language

Introduction to body language – different types of body language, aggressive body language, attentive body language - how to communicate with body language.

Unit II Gestures

Gestures – smiling gestures. Hand and arm gestures – steeping hands, gripping hands, displaying thumb, folded arms gesture. Hand -to - face gestures -hand covering the mouth, pulling the collar gestures. Leg barriers – leg-lock portion, standing leg cross, and ankle - lock gesture, foot - lock gestures, body - lowering gestures.

Unit III Body language in business

Body language in business - space around you, hand -to -face movements. Introduction to negotiation skills, planning and how to negotiate. Importance of effective body language – effective body language in meeting - reading body language and encouraging interaction – four main aspects.

Unit IV Personal hygiene

How to enhance the features -make-up, hair care, dental care, clean body, lip balm/lip gloss, make use of cologne /perfume, manicure and pedicure, face shape, types of hair style. Personal hygiene – breath, perspiration – body odor.

Unit V Dress Elegantly

Dress Elegantly – body shapes, different types of neckline, clothing style. Different types of shoes, ties, glasses, sunglasses, watches and hand bags. Plan your interview attire.




Text Books

- 1 Aurther, 2006. Personality Development , Lotus Press, ISBN - 8183820859, 978818382085
- 2 Hurlock MN 1988 , Personality Development , Tata McGraw-Hill Education

References

- 1 Elizabeth Bergner Horlicks, 1973, the university of Michigan , McGraw-Hill
- 2 Michael. E. Mama and Mari. H. Bornstein 2013, Social and Personality Development: An Advanced, Taylor & Francis, ISBN 113669966X, 9781136699665
- 3 Julius Fast, 2014 , Body Language, 2014, Open road Media, ISBN - 1497622689, 9781497622685
- 4 www.bcci.bg/projects/latvia/pdf/8_IAPM_final.pdf

10/6/2023
BoS Chairman/HoD
 Department of Costume Design & Fashion
 Dr. N. G. P. Arts and Science College
 Coimbatore – 641 048

 Dr.N.G.P. Arts and Science College		
APPROVED		
BoS- 15th	AC - 15th	GB - 20th
10.06.23	14.07.23	05.08.23



Course Code	Course Name	Category	L	T	P	Credit
221TL1A4TA	TAMIL - IV	LANGUAGE-I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்பாடு நாகரீகம், பகுத்தறிவு ஆகியவற்றை அறியச் செய்தல்
- கலை மற்றும் மரபுகளை அறியச் செய்தல்
- மாணவர்களின் படைப்பாக்கத்திறன்களை ஊக்குவித்தல்

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	வாழ்க்கைத் திறன்கள் (Life Skills)- மாணவர்களின் செயலாக்கத் திறனை ஊக்குவித்தல்	K3
CO2	மதிப்புக்கல்வி (Attitude and Value education)	K4
CO3	பாட இணைச்செயல்பாடுகள் (Co-curricular activities)	K4
CO4	சூழலியல் ஆக்கம் (Ecology)	K4
CO5	மொழி அறிவு (Tamil knowledge)	K5

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1		✓	✓		✓
CO2	✓			✓	
CO3		✓			✓
CO4			✓		
CO5	✓			✓	✓

COURSE FOCUSES ON

✓ Skill Development	✓ Entrepreneurial Development
✓ Employability	✓ Innovations
✓ Intellectual Property Rights	✓ Gender Sensitization
✓ Social Awareness/ Environment	✓ Constitutional Rights/ Human Values/ Ethics



221TL1A4TA	TAMIL - IV	SEMESTER IV
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I எட்டுத்தொகை 10 h

1. நற்றிணை – குறிஞ்சித் திணை

I.பா.எண் : 01 – கபிலர்

II.பா.எண் : 88 – நல்லந்துவனார்

III.பா.எண் : 102 – செம்பியனார்

2. குறுந்தொகை – முல்லைத்திணை

I.பா.எண் : 65 – கோவூர்கிழார்

II.பா.எண் : 167 – கூடலூர்கிழார்

மருதத்திணை

I.பா.எண் : 08 – ஆலங்குடி வங்கனார்

II.பா.எண் : 61 – தும்பிசேர்கீரனார்

III.பா.எண் : 196 – மிளைக் கந்தன்

நெய்தல் திணை

I.பா.எண் : 57 – சிறைக்குடி ஆந்தையார்

Unit II எட்டுத்தொகை 08 h

1. கலித்தொகை – பாலைக்கலி

I.பா.எண் : 09 – பெருங்கடுங்கோ

2. அகநானூறு – மருதத்திணை

I.பா.எண் : 86 – நல்லாழர்கிழார்

3. புறநானூறு -

I.பா.எண் : 188 – பாண்டியன் அறிவுடை நம்பி

II.பா.எண் : 192 – கணியன் பூங்குன்றனார்

III.பா.எண் : 279 – ஒக்கூர் மாசாத்தியார்

IV.பா.எண் : 312 – பொன்முடியார்

Unit III பத்துப்பாட்டு 10 h

1. பட்டினப் பாலை – கடியலூர் உருத்திரங் கண்ணனார் -1முதல் 218 வரிகள் வரை மட்டும்.

Unit IV இலக்கிய வரலாறு 10 h

1. எட்டுத் தொகை நூல்கள்

2. பத்துப்பாட்டு நூல்கள்

Unit V இலக்கணம் மற்றும் திறனாய்வுப் பகுதி 10 h

I.இலக்கணம்

1. அகத்திணை – அன்பின் ஐந்திணை - விளக்கம்

2. புறத்திணை – 12 திணைகள் - விளக்கம்

II.பயிற்சிப் பகுதி

சங்கப் பாடல்கள் குறித்து திறனாய்வு செய்தல்



Note: பயிற்சிப் பகுதியில் வினாக்கள் அமைத்தல் கூடாது

Text Book

செய்யுள் திரட்டு - மொழிப் பாடம் - 2022- 23

- 1 தொகுப்பு: தமிழ்த்துறை, டாக்டர் என்.ஜி.பி. கலை அறிவியல் கல்லூரி, வெளியீடு : நியூ செஞ்சுரி புக் ஹவுஸ், சென்னை – 600 098. (Unit I- V)

References

- 1 பேராசிரியர் புலவர் சோம. இளவரசு, எட்டாம் பதிப்பு -2014, தமிழ் இலக்கிய வரலாறு - மணிவாசகர் பதிப்பகம், சென்னை.
- 2 பேராசிரியர் முனைவர் பாக்கியமேரி, முதற் பதிப்பு- 2013, இலக்கணம் -இலக்கிய வரலாறு - மொழித்திறன் -பூவேந்தன் பதிப்பகம், சென்னை.
- 3 தமிழ் இணையக் கல்விக்கழகம்.<<http://www.tamilvu.org/>>



Course Code	Course Name	Category	L	T	P	Credit
221TL1A4HA	HINDI - IV	LANGUAGE-I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature
- the techniques for expansion of ideas and translation process

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Expose the knowledge writing critical views on fiction	K2
CO4	Build creative ability	K3
CO5	Apply the power of creative reading	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	✓
CO2		✓			✓
CO3	✓		✓	✓	
CO4					✓
CO5	✓	✓	✓		✓

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input checked="" type="checkbox"/> Intellectual Property Rights	<input checked="" type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



221TL1A4HA	HINDI- IV	SEMESTER IV
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I 10 h

नाटक

Unit II 10 h

एकांकी

Unit III 10 h

काव्य मंजरी

Unit IV 10 h

सूचना लेखन

Unit V 08 h

अनुवाद अभ्यास- III

Text Books

- 1 लडाई – सर्वेश्वरदयाल सक्सेना प्रकाशक: वाणी प्रकाशन 21-A, दरियागंज नई दिल्ली-110002. (Unit I)
- 2 एकांकी पंचामृत – डॉ राम कुमार (भोर और तारा छोडकर) प्रकाशक: जवाहर पुस्तकालय सदर बाजार, मथुरा उत्तर प्रदेश-281001. (Unit II)
- 3 काव्य मंजरी- (डा मुन्ना तिवारी) मैथिलीशरण गुप्त- मनुष्यता, जयशंकर प्रसाद- बीती विभावरी जागरी सूर्यकान्त त्रिपाठी निराला- तोडती पत्थर और भिक्षुक. (Unit III)
- 4 सूचना लेखन पुस्तक: व्याकरण प्रदिप – रामदेव प्रकाशक: हिन्दी भवन 36 इलाहाबाद -211024. (Unit IV)
- 5 अनुवाद अभ्यास (केवल अंग्रेजी से हिन्दी में) (पाठ 10 to 20) प्रकाशक: दक्षिण भारत प्रचार सभा चेन्नई -17 (पाठ 10 to 20). (Unit V)



Course Code	Course Name	Category	L	T	P	Credit
221TL1A4MA	MALAYALAM- IV	LANGUAGE - I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature, to learn the techniques for expansion of ideas and translation process
- the competency in translating simple Malayalam sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Expose the knowledge writing critical views on fiction	K2
CO4	Build creative ability	K3
CO5	Apply the power of creative reading	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	
CO2	✓				✓
CO3		✓	✓		
CO4	✓			✓	✓
CO5	✓	✓	✓		✓

COURSE FOCUS ON

✓ Skill Development	✓ Entrepreneurial Development
✓ Employability	✓ Innovations
✓ Intellectual Property Rights	✓ Gender Sensitization
✓ Social Awareness/ Environment	✓ Constitutional Rights/ Human Values/ Ethics



221TL1A4MA	MALAYALAM- IV	SEMESTER IV
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I	Drama	10 h
	Saketham- Sreekandan Nair	
Unit II	Drama	10 h
	Saketham- Sreekandan Nair	
Unit III	Drama	10 h
	Saketham- Sreekandan Nair	
Unit IV	Screen Play	10 h
	Perumthachan- Vasudevan Nair	
Unit V	Screen Play	08 h
	Perumthachan- Vasudevan Nair	

Text Books

- 1 Nair, Sreekandan C.N. 2023. Saketham, Drama. DC Books Kottayam, Kerala, India. (Unit I to III)
- 2 Nair, Vasudevan M.T. 1994. Perumthachan- Screenplay. DC Books Kottayam, Kerala, India. (Unit IV & V)

Reference

- 1 Sankarapillai. 2005. Malayala Nataka Sahithya Charithram, Kerala Sahithya Akademi Publishers, Kerala, India.



Course Code	Course Name	Category	L	T	P	Credit
221TL1A4FA	FRENCH- IV	LANGUAGE- I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the Competence in General Communication Skills – Oral + Written- Comprehension & Expression
- the Culture, life style and the civilization aspects of the French people as well as of France
- the students to acquire Competency in translating simple French sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the Basic verbs, numbers and accents	K1
CO2	Apply the adjectives and the classroom environment in France	K2
CO3	Select the Plural, Articles and the Hobbies	K2
CO4	Measure the Cultural Activity in France	K3
CO5	Evaluate the sentiments, life style of the French people and the usage of the conditional tense	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓				✓
CO2	✓	✓			
CO3			✓	✓	
CO4	✓	✓			✓
CO5	✓		✓	✓	✓

COURSE FOCUSES ON

<input checked="" type="checkbox"/>	Skill Development	<input checked="" type="checkbox"/>	Entrepreneurial Development
<input checked="" type="checkbox"/>	Employability	<input checked="" type="checkbox"/>	Innovations
<input checked="" type="checkbox"/>	Intellectual Property Rights	<input checked="" type="checkbox"/>	Gender Sensitization
<input checked="" type="checkbox"/>	Social Awareness/ Environment	<input checked="" type="checkbox"/>	Constitutional Rights/ Human Values/ Ethics



221TL1A4FA	FRENCH- IV	SEMESTER IV
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I

10 h

° Décrire quelqu'un. ° Comparer	En milieu professionnel, recruter quelqu'un et justifier son choix.	S'exprimer sur les styles de vêtements. Reconnaître des personnes à partir de descriptions.	Comprendre la description de personnes dans un extrait de roman.
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Unit II

10 h

Exprimer l'accord ou le désaccord. ° Se situer dans le temps.	En milieu professionnel, recruter quelqu'un et justifier son choix.	Décrire des personnes. Comprendre des personnes qui expriment leur accord ou leur désaccord.	Comprendre des différences de points de vue exprimés dans un message électronique. Raconter un souvenir.
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Unit III

10 h

° Parler de l'avenir.	Discuter de l'organisation d'un voyage de groupe puis préparer une fiche projet et la compléter.	Comprendre une chanson. Échanger sur ses projets de vacances.	Comprendre le message d'une carte d'anniversaire.
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Unit IV

10 h

° Exprimer des souhaits. ° Décrire quelqu'un	Discuter de l'organisation d'un voyage de groupe puis préparer une fiche projet et la compléter.	Discuter du programme de la soirée à venir. Addresser des souhaits à quelqu'un.	Comprendre le message d'une carte d'anniversaire.
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Unit V

08 h

Make in Own Sentences based on the above Lessons

Text Book

- 1 LATITUDES 1 (Méthode de français) Pages from 128-151, Author : Regine Mérieux, Yves Loiseau (Unit I to IV)



Dr. NGPASC
COIMBATORE | INDIA

B.Sc. CDF (Students admitted during the AY 2022-23)

Course Code	Course Name	Category	L	T	P	Credit
221EL1A4EA	PROFESSIONAL ENGLISH - IV	LANGUAGE- II	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the skill-based learning for better communication
- the prevalent issues logically and present coherently
- the ideas accurately and clearly

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Develop the ability to appreciate ideas and think critically	K1
CO2	Integrate academic success into practical life skills	K2
CO3	Express challenges of a competitive environment and select the profession that best suits them	K2
CO4	Discuss with confidence in conversations, to initiate, sustain and close a conversation	K3
CO5	Identify a sense of social commitment	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓		✓
CO2	✓	✓		✓	
CO3			✓	✓	✓
CO4		✓			✓
CO5	✓		✓	✓	

COURSE FOCUSES ON

✓ Skill Development	✓ Entrepreneurial Development
✓ Employability	✓ Innovations
✓ Intellectual Property Rights	✓ Gender Sensitization
✓ Social Awareness/ Environment	✓ Constitutional Rights/ Human Values/ Ethics



221EL1A4EA	PROFESSIONAL ENGLISH - IV	SEMESTER IV
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I Career 08 h

Leadership- Everyday leadership- Everyday leaders motivation- Qualities of a good leader- Professionalism- Creativity- Practical Application- Ways to become more creative- Six Thinking hats techniques

Unit II Art of Promoting 11 h

Selling your skills- Neuromarketing as a tool for influencing leaders- Using neuromarketing and psychology to get ahead- Recruiters and Clients decision making skills- Three steps to use neuromarketing for a successful life- Attention-storytelling- Perception and reputation- Recognize opportunities and openings before the competition- observation- Matching yourself with your leaders

Unit III Facing Challenges 10 h

Introduction-Panicky people- Negative people- Positive people- Facing challenges and taking initiatives - Importance of youth to face challenges and take initiative Benefits of Facing challenges- Facing challenges in life

Unit IV Effective Decision Making 10 h

Decision Making Process- Methods of Decision Making- Steps in DM- Theoretical Approaches to individual Decision Making- Optimizing Decision Theory- The Subjective Expected Utility Model- Steps to Effective Decision- Making- Effective Decision Making in Terms- Methods for team decision making- Confusion and decision making- Decision making styles

Unit V Practising Corporate Social Responsibility (CSR) 09 h

Corporate Social Responsibility (CSR)- definitions- Goal- Areas- Need- Benefits - Argument in favour/against of CSR- Factors that promote CSR - Limitations for implementing- India and Corporate Social Responsibility- Activities carried out by Companies in India- List of projects for funding under CSR- Implementation of CSR commitments



Text Books

- 1 Sharma, Prashant. 2022. Soft Skills. BPB Publications, 3rd Edition, New Delhi, India. (Unit I & II)
- 2 Alex. 2013. Managerial Skills. S. Chand Publishing, New Delhi, India. (Unit III to V)
- 3 Alex. 2009. Soft Skills. S. Chand Publishing, New Delhi, India. (Unit II)
- 4 E H McGrath S J. 2011. Basic Managerial Skills for All, 9th Edition, New Delhi, India. (Unit III)

References

- 1 Adair J. 1986. Effective Team Building: How to make a winning team. Pan Books, London, United Kingdom.
- 2 Dhanavel S P. 2010. English and Soft Skills, Orient Blackswan, Hyderabad, India.
- 3 Singh S R. 2011. Soft Skills. APh Publishing Corporation, New Delhi, India.
- 4 Lakshminarayanan K R, Murugavel T. 2015. Managing Soft Skills. Scitch Publications, Chennai, India.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A4CA	TEXTILE PROCESSING AND DYEING	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand the

- various techniques in textile wet processing
- learn about types of dyes and its properties
- concept of sustainable organic textile treatments

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	understand about pretreatments of fabric.	K2
CO2	apply the types and methods of bleaching, mercerization, wool carbonizing and silk weighting.	K2
CO3	classify the colorants to evaluate the properties and application of dyes	K3
CO4	categorize the different types of dyeing machines and methods.	K3
CO5	teach the enzymes in textile processing and to understand the effluent treatments in dyeing industry	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	
CO2	✓		✓		✓
CO3	✓	✓	✓		
CO4	✓	✓		✓	✓
CO5	✓	✓	✓		

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A4CA	TEXTILE PROCESSING AND DYEING	SEMESTER IV
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Preparatory process 10 h

Preparatory process of fabric- singeing- types of singeing- plate singeing, roller singeing, gas singeing, desizing – hydrolytic method – rot steep, enzymatic steep, acid steep. Oxidative method- chlorine, chlorite, bromite. Scouring- methods and equipment used. Advantages of preparatory process.

Unit II Fabric Pretreatment Process 10 h

Bleaching- hypochlorites- hydrogen peroxide- sodium chlorite. Equipment and chemicals of bleaching. Advantages and disadvantages of bleaching. Mercerization- theory process - methods - chemicals- effects of mercerization, Advantages of mercerization. Wool carbonizing. Weighting of silk.

Unit III Types of dyes 10 h

Dyeing- classification of dyes- natural dyes- plant, invertebrates, and minerals. Manmade dyes - direct dye, sulphur dyes, vat dyes, disperse dyes, reactive dyes, acid dyes, basic dyes. Stages of dyeing - fiber, yarn, fabric and garment dyeing.

Unit IV Dyeing machineries 9 h

Working process of dyeing machines - loose stock fiber bale, hank package, jigger, winch, beam, jet, padding mangles, garment dyeing, piece dyeing, dip dyeing. Fastness properties of dyes. Various defects in dyeing.

Unit V Enzymatic Textile Processing and Eco Testing 9 h

Application of enzymes in textile processing. Textile effluents treatments. Need for eco-testing-toxicity of dyes and chemicals.



Text Books

- 1] Smith.J. L, 2006. "Textile Processing", Abhishek Publications
- 2] Vigo. T.L, 2017, "The complete technology book on textile processing with effluent treatment", NIIR board of consultants and engineers.

References

- 1 D.Broadbend., 2001, Basic principles of textile coloration, Society of Dyers & Colourists publishers.
- 2 Clark M, 2011, Handbook of textile and industrial dyeing, Woodhead publishing limited.
- 3 Burkinshaw S.M., Wiley, 2016, Physico-Chemical Aspects of Textile Colouration.
- 4 W.D and Hauser P.J, Schindler, 2004, Chemical Finishing of Textiles, Woodhead publishing limited.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A4CB	TEXTILE PRINTING	CORE	3	-	-	3

PREAMBLE

This course has been designed for students to learn and understand the

- concept of printing designs
- various printing techniques
- recent developments in textile printing

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	learn printing, differences between printing and dyeing, preparation of fabric for printing, methods of printing.	K2
CO2	understand stencil printing and direct printing process	K2
CO3	analyse the screen printing and discharge printing process	K3
CO4	identify the resist printing through batik and tie and dye methods.	K3
CO5	categorize the different commercial printing methods	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	
CO2	✓		✓		✓
CO3	✓	✓	✓		
CO4	✓	✓		✓	✓
CO5	✓	✓	✓		

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input checked="" type="checkbox"/> Intellectual Property Rights	<input checked="" type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A4CB	TEXTILE PRINTING	SEMESTER IV
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Total Credits: 3

Total Instruction Hours: 36 h

Syllabus

Unit I Printing 8 h

Printing- introduction to printing, importance of printing, characteristics of printing, methods of printing, differences between printing and dyeing.

Unit II Printing Types 8 h

Direct printing- block printing- history, preparation of design, blocks, table, printing paste and printing process. Stencil printing- history, preparation of fabric, materials used for preparing stencils, process involved and techniques used.

Unit III Printing Process 8 h

Screen printing- history, flat, rotary and roller screen printing, preparation of screen, print paste and screen-printing process. Discharge printing- chemicals used, process involved. Pigment printing process.

Unit IV Techniques and Equipment 6 h

Resist printing- history, batik printing - history, wax used, equipment required, process sequence and techniques used. Tie and dye- history, equipment required, process sequence and techniques used.

Unit V Methods and Developments 6 h

Commercial printing methods - ink jet printing, heat transfer printing, Flock and foil print- process sequence and techniques used. Recent developments in textile printing - Digital printing and 3D printing.



Text Books

- 1] L. W. C. Miles, 2003, Textile Printing, revised second edition published by SDC.
- 2 Joanna-Kinnersly Taylor, 2012 Dyeing and Screen-Printing on Textiles, Wood head publishers.

References

- 1 June Fish, 2005, Design and Printing Textiles.
- 2 H. Ujiye, 2006, Digital Printing of Textiles, Woodhead Publishing Series in Textiles.
- 3 Cockett S.R., Hilton K.A., Leonard, 1961, Dyeing and Printing, Hill Books Ltd., London.
- 4 Nohara Oyabu, 1978, Guide to Printing Techniques, Mahajan Brothers Publish Ltd., Ahmedabad.



222CF1A4CP	TEXTILE PROCESSING, DYEING AND PRINTING	SEMESTER IV
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Total Credits: 2
Total Instructions Hours: 48 h

S.No	Contents
1	Desizing
2	Scouring
3	Bleaching
4	Mercerization
5	Degumming
6	Direct Dye and Reactive Dyes for cotton
7	Acid Dyes, Basic Dyes for Silk
8	Sulphur/Vat dye
9	Disperse Dyes for Manmade Fibers
10	Natural Dyes
11	Block printing- vegetable and wooden blocks
12	Stencil printing- positive and negative with single/double/multi colours.
13	Tie and dye- any three methods with single/double/ multi colours.
14	Batik technique- any three methods with single/double/multi colours
15	Screen printing method- single/double/multi colours.

Note: Any 10 is mandatory



222CF1A4CQ	WOMEN'S APPAREL	SEMESTER- IV
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Total Credits: 2
Total Instructions Hours: 48

S.No	List of Experiments
1	Sareepetticoat- sixpanels,decoratedbottom
2	Skirts-Circular/ Pleated
3	Blouse-frontopen,fashionedneck,waistbandatfront,withsleeve
4	Salwar- Churidhar/Parallels/Bell bottom/ Palazzo
5	Kameez-withorwithoutslit,flare,opening,panels,yoke
6	Nightwear-Nightie/Nightgown,SleepShirt/NightShirtwithpant
7	Shortkurtaor top-BoatNeck,CheckedBellSleeve
8	Kafthan
9	Shortkurta /Crop top
10	Full gown

Note:Instructionsfortheabovecontents:

Designing,draftingandconstructingthefollowinggarmentsforthefeatures prescribed.Listthemeasurementsrequiredandmaterialssuitable, cost calculation.



Course Code	Course Name	Category	L	T	P	Credit
225AT1A4IA	BUSINESS ACCOUNTING	IDC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the basic accounting concepts related to business.
- the preparation of different types of Cash books
- the preparation of Final Accounts

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	know the basic concepts in accounting	K1
CO2	understand the rules of double entry system to pass journal entries for transactions.	K1
CO3	prepare the subsidiary books.	K2
CO4	execute the knowledge on preparing bank reconciliation Statement.	K3
CO5	implement the accounting transactions in final accounts.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓				✓
CO2	✓	✓	✓		
CO3	✓	✓	✓		✓
CO4	✓	✓	✓	✓	✓
CO5	✓	✓	✓		✓

COURSE FOCUSES ON:

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



Dr.NGPASC

COIMBATORE | INDIA

B.Sc.CDF(Students admitted during the AY 2022-23)

225AT1A4IA	BUSINESS ACCOUNTING	SEMESTER IV
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Basic Accounting Concepts 10 h

Evolution of Accounting - Objectives of Accounting - Functions and Importance of Accounting - Branches of Accounting - Bases of Accounting - Users of Accounting information - Role of an accountant.

Book-keeping – Relationship among Book-keeping, Accounting and Accountancy - Accounting Principles - Accounting Standards (AS) - International Financial Reporting Standards (IFRS) - Accounting Standards in India.

Case Study on Accounting Concepts.

Unit II Journal, Ledger and Trial Balance 10 h

Journal: Recording of entries in journal with narration- Ledger: Posting from journal to respective ledgers. Trial balance - Need for preparing Trial Balance - Features - Objectives of preparing Trial Balance - Limitations - Methods of preparing Trial Balance - Suspense account.

Unit III Subsidiary Books – I 9 h

Subsidiary Books - Types of subsidiary books - Advantages of subsidiary books - Purchases book - Purchases returns book - Sales book - Sales returns book - Bills receivable book - Bills payable book. Cash Book - Importance and Types of cash book - Single column cash book - Double column cash book - Three column cash book.

Unit IV Bank Reconciliation Statement 10 h

Bank Reconciliation Statement- Causes of the difference between cash book and pass book- Preparation of Bank Reconciliation Statement

Case Study on Bank Reconciliation Statement

Unit V Final Accounts 9 h

Preparation of Trading Account, Profit and Loss Account and Balance Sheet without adjustments.

Case Study on Final Accounts

Note: Distribution of Marks- Problems 80% and Theory 20%



Case Study (Examined Internal only)

Text Books

- 1 Reddy T.S. and Murthy A, 2022, "Financial Accounting", Seventh Edition, Margham Publications, Chennai.
- 2 Nagarajan,K.L., Vinayaka, N and Mani P.L. 2019. "Principles of Accountancy",Fifth Edition. Sultan Chand & Company Ltd, New Delhi.

References

- 1 Dr.Maheswari, S.N., 2019, Financial Accounting, Sixth Edition, Vikas Publishing House, New Delhi.
- 2 Arulandam. M. A and Ramaan. K.S, 2020 Advanced Accountancy. RevisedEdition 2016, Himalaya Publishing House, Mumbai.
- 3 Jain, S.P. and Narang , K.N. , 2019, Financial Accounting, Twelfth Edition, Kalyani Publishers, New Delhi.
- 4 Gupta R.L 2021. Financial Accounting, Ninth Edition, Sultan Chand &Company Ltd., New Delhi.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A4EP	SURFACE ENRICHMENT AND AARI EMBROIDERY	SEC	1	-	2	2

PREAMBLE

This course has been designed for students to learn and understand the

- basic embroidery.
- techniques of the design to fabric.
- working procedure for the stitches.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	study about tools used and categories of Embroidery	K2
CO2	demonstrate the flat and loop stitches.	K3
CO3	understand Knotted stitches and embellishment works	K3
CO4	discuss about Indian Traditional Embroidery	K4
CO5	prepare the Fabric and colours used in Traditional Embroidery	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	
CO2	✓		✓		✓
CO3	✓	✓	✓		
CO4	✓	✓		✓	✓
CO5	✓	✓	✓		

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A4EP	SURFACE ENRICHMENT AND AARI EMBROIDERY	SEMESTER IV
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Total Credits: 2

Total Instruction Hours: 36 h

Syllabus (Embedded)

Unit I Basic stitches

8 h

Stitches and Working procedure for - Basic stitches- flat stitches, running stitch, back stitch, stem stitch, satin stitch, couching stitch, cross stitch, herringbone stitch.

Practical

1. Basic stitches:

Flat stitches, Running stitch, Back stitch, Stem stitch, Satin stitch, Couching stitch, Cross stitch, Herringbone stitch.

Unit II Loop stitches

7 h

Stitches and working procedure for - Loop stitches - chain stitch, lazy-daisy stitch, button hole stitch, blanket stitch, fishbone stitch, feather stitch, fly stitch.

Practical

2. Loop stitches:

Chain stitch, Magic chain stitch, Lazy-daisy stitch, Buttonhole stitch, Blanket stitch, Fish bone stitch, Feather stitch, Fly stitch.

Unit III Knot Stitches

6 h

Stitches and Working procedure for - Knotted stitches, French knot stitch, double knot stitch, bullion knot stitch.

Practical

3. Knotted stitches:

French knot stitch, Double knot stitch, Bullion knot stitch.

Unit IV Applique

8 h

Applique work using readily available applique in markets, mirror work using artificial and readily available mirror in market, smocking using satin clothes with different techniques. Patch work using readily available patch in market, Tassels using silk, cotton, linen fabrics



with different techniques. Fringes using threads.

Practical

4. Tassels / Fringes.
5. Mirror Work
6. Patch Work
7. Smocking

Unit V Aari Embroidery

7 h

Stitches and Working procedure for Basic stitches- Fish bone, Long and Short, Basic chain, French knot. Different Aari works - Zardozi, Sequence, Feather work, Cut beads and Sugar beads.

Practical

8. Basic stitches- fish bone, long and short, basic chain, French knot
9. Zardozi
10. Sequence
11. Feather work
12. Cut Beads and Sugar Beads




Text Books

1. Janice Vaine,,I.N, 2005, Hand Embroidery stitches at a glance. (10 Edn.):
Laundauer Publishers
2. D.K. 2015, Embroidery: A step - by - step Guide to more than 200 stitches. (Edn.)
D.K Publishers

References

1. Dhara Shah, 2021, The Embroidery Hnadbook: All Stitches you need to know to create Gorgeous Designs, Atlantic publishers
2. Chethana Kuthnikar, 2021, AARI MAGGAM: The Embellished Embroidery Art, Kindle Edition.
3. Sakina Khambati, 2017, Embroidery deisgn art; Embroidery Designs: Embroidery Designs Volume 2, Shree Hanumanth Trading.
4. Country Bumpkin, 2015, A-Z of Embroidery Stitches 2 (A-Z of needle craft), peacock books.


 BoS Chairman/HoD
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Dr.N.G.P. Arts and Science College		
APPROVED		
14.10.2023	13.12.2023	05.01.24



222CF1A5CA	FASHION STYLING	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 60 h

Syllabus

PREAMBLE

This course has been designed for students to learn and understand

- to learn fashion styling and concepts
- to understand wardrobe planning based upon current fashion
- to gain knowledge on fashion makeover and skin essentials.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Explain the fashion styling, types for styling and figure types.	K1
CO2	Identifying, wardrobe planning and Pre - production preparation.	K2
CO3	Categorize the fashion stylist and celebrity stylist.	K3
CO4	Identify the fashion makeover and makeup for special occasions.	K4
CO5	Analyze skin essentials and treatments.	K5

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	✓	
CO2	✓		✓		✓
CO3	✓	✓	✓	✓	✓
CO4	✓		✓	✓	
CO5	✓	✓	✓		✓

COURSE FOCUSES ON:

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input checked="" type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A5CA	FASHION STYLING	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 60 h

Syllabus

Unit I Fashion Styling 12 h

Introduction to fashion styling, study of body types and figure types - men, women, kids, men's shape-rectangle, inverted triangle, trapezoid, triangle and oval. Women's shape- hourglass, triangle pear, apple shape, lollipop body shape, diamond, rectangle.

Unit II Wardrobe for styling 12 h

Introduction, wardrobe planning based on current fashion, chain of command for stylist, pre-production preparation - green room, buying vs renting wardrobe, rack dividers, costume accessory details based on script. Styling for corporate, entertainment, commercial, professional industry.

Unit III Celebrity Stylist 12 h

Image management - Introduction, definition, personal stylist - personal shoppers for celebrities. Celebrity stylist - concierge service and the stylist, definition, availability, retail/showroom designer connections, versatility, anticipation. Stylist - client relation, grain direction in clothing, clothing suitable for different body types, understanding personal styles - interpretation of style categories.

Unit IV Fashion Makeover 12 h

Makeover - Introduction to makeup, types of makeup based on skin type-oily, dry, combination, skin tone -fair, dusky, dude. Shape of the face, eyes, nose, lips, makeup for corporate, outing, swimming, beach, theme based fashion shows. Special occasions - wedding, parties, award ceremony, bridal makeover, red carpet, bollywood make over.

Unit V Skin Essentials 12 h

Skin Essentials - Introduction to skin essentials, types of skin essentials based on skin type-cleanser/toners, shape of the face, eyes, nose and lips. Choice of shades based on skin colour, makeup for skin essentials, skin creams-moisturizers, day care creams, sunscreen, night care creams, oils, serums. Post -treatment and pre-treatment of skin Essentials, skin facial essentials - classic facial, sliver facial. Hair setting sprays.



Text Books

- 1 Gillian Armour, 2012, "Fashion Stylist - A how to guide", Create Space
- 2 Jo Dingemans, 1999, "Mastering Fashion Styling", Palgrave.

References

- 1 Kathleen Fifield, 2006, "Instyle Instant style - your season by season guide for work and weekends", Style books.
- 2 Kendall Farr, 2004, "The Pocket Stylist: Behind-the-Scenes Expertise from a Fashion Pro on Creating Your Own Look." Avery, 1st edition.
- 3 Shannon Burns, Tran, 2013, "Style wise - A practical guide to becoming a Fashion Stylist" Fairchild Books



Course Code	Course Name	Category	L	T	P	Credit
222CF1A5CB	TEXTILE FINISHES	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- to understand the various finishes in textiles.
- to know about special finishes.
- to learn the recent finishing trends.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the production sequence of textile fabrics. Finishes-classification, importance and its application methods.	K2
CO2	Analyze the methods and applications of mechanical finishes, aesthetic finishes, drape and texture	K3
CO3	Analyze the methods and applications of functional finishes.	K3
CO4	Analyze the methods and applications of special purpose finishes	K4
CO5	Analyze the Recent trends in finishing and environmental pollution during chemical processing of textiles.	K5

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	✓	
CO2	✓	✓	✓		✓
CO3	✓	✓	✓	✓	✓
CO4	✓	✓	✓	✓	
CO5	✓	✓	✓		✓

COURSE FOCUSES ON:

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Safety/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A5CB	TEXTILE FINISHES	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 60 h

Syllabus

Unit I Textile Finishes 12 h

Production sequence of textile fabrics- flow chart- brief description. Finishes- classification- importance of finishes- application methods. Mechanical and chemical finishes- methods and applications.

Unit II Aesthetic finishes 12 h

Aesthetic finishes- Luster- glazed, moiré, schreiner, embossed. Drape- crisp and transparent burnt out, sizing, weighting. Texture effect- sheared, brushed, embossed, plisse, pleated, flocked, embroidered, napped, fulled.

Unit III Functional finishes 12 h

Functional finishes- methods and applications- wrinkle free finishes, water repellant finish, flame retardant finish, rot and mildew proof finish, antistatic finish and soil release finish.

Unit IV Special finishes 12 h

Special purpose finishes- methods and applications- silicone finish, denim finish-stone wash and enzyme wash, fragrance finish, UV protection finish, anti-bacterial finish and phase change finishes

Unit V Recent trends 12 h

Recent trends in finishing- definition, types, significance and uses- micro encapsulation, Nano and plasma finish. Environmental pollution during chemical processing of textiles.



Text Books

- 1 Needles.H.L, 2011. "Textile Fibers, dyes, finishes and processes": Aconciseguide. Elsevier publications.
- 2 Asim Kumar Roy Choudhury, "Principles of Textile Finishing", 2017, Woodhead Publishing Ltd.
- 3 Bhatia, S.C, 2017, "Pollution Control in Textile Industry". IB Publications.

References

- 1 Gopalakrishnan, D, P Vinayagamurthi & S Kavitha, 2020, "Textile Finishing Basic Concepts and Application", Daya Publishing House, ISBN-10 : 9789351249016.
- 2 Roshan Paul, 2014, "Functional Finishes for Textiles: Improving Comfort, Performance and Protection", Woodhead Publishing, ISBN-13 978-0857098399.
- 3 Murphy. W.S, 2003, Textile Finishing, Abhishek Publications.



222CF1A5CP	COMPUTER AIDED DESIGNING - I	SEMESTER V
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Total Credits: 3

Total Instructions Hours: 48 h

S.No	Contents
1	Create the designs for Motifs (3 styles)
2	Create the designs for Necklines (3 styles)
3	Create the designs for Chest prints (3 styles)
4	Create the designs for Children's Garments (5 styles)
5	Create the designs for Women's Garments (5 styles)
6	Create the designs for Men's Garments (5 styles)
7	Design Logo for your brands (3 styles)
8	Design Care Label for garments (3 styles)
9	Design Size Label for garments (3 styles)
10	Design Brand Label for garments (3 styles)

Note: Any 8 is mandatory.



222CF1A5CQ	MEN'S APPAREL	SEMESTER V
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Total Credits: 3

Total Instructions Hours: 90 h

S.No

Contents

1. S.B. Vest- with or without collar, button attached, sleeveless
2. Half sleeve shirt- full open, shirt collar, patch pocket.
3. Nehru kurtha - side pocket, round neck, half open
4. Pyjama -elastic or tape attached waist.
5. Pleated pant- pleats in front, darts at back, side pocket, fly with zip.
6. Boxer shorts- with / without flap / tape attached waist.

Note: Any one garment should be in khadi material.

Instructions for the above contents:

1. Designing, drafting and constructing the following garments for the features prescribed.
2. List the measurements required and materials suitable.
3. Calculate the material required- layout method and direct measurement method.
4. Calculate the cost of the garment.



222CF1A5SP	FASHION ILLUSTRATION	SEMESTER V
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Total Credits: 2

Total Instructions Hours: 60 h

S.No

List of Experiments

- 1 Learning the usage of various drawing and sketching mediums- pencils,ink, charcoal, crayons and poster colors.
- 2 Illustrating Prang colour chart, Tint, Shades and Hues.
- 3 Illustrating human stick, block and muscle figure with 8 head and 12 head theory.
- 4 Learning various types of elements and principles of design.
- 5 Design the fashion Silhouette/ object with 3D effect
- 6 Design the fashion Silhouette with texture (fabric)
- 7 Design the fashion Silhouette with live background
- 8 Design and extend the Shadow drawing for a fashion figure.
- 9 Collage work on fashion Silhouette with paper/fabric
- 10 Design and Sketch fashion apparels suitable for any special occasions.

NOTE: Any 8 Exercises is Mandatory



Course Code	Course Name	Category	L	T	P	Credit
222CF1A5DA	FASHION MARKETING AND MERCHANDISING	DSE	4		-	4

PREAMBLE

This course has been designed for students to learn and understand

- to learn the Marketing concepts.
- to understand Merchandising policies in fashion apparel industry.
- to gain knowledge on Fashion and marketing environment.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Outline fashion marketing, fashion Marketing environment-and trends in marketing environment.	K2
CO2	Apply Marketing Function-assembling, standardization and grading , packaging, product planning and development.	K3
CO3	Classify and analyze the types of buyers, merchandiserand their functions.	K2,K3
CO4	Identify the Process flow in apparel industry-buyersourcing and Communication	K4
CO5	Categorize the Visual merchandising of fashion, types of displays, elements of display, merchandising presentation-tools and techniques.	K3, K4

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	✓	
CO2	✓		✓		✓
CO3	✓	✓	✓	✓	✓
CO4	✓		✓	✓	
CO5	✓	✓	✓		✓

COURSE FOCUSES ON:

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A5DA	FASHION MARKETING AND MERCHANDISING	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 60 h

Syllabus

Unit I Marketing 12 h

Meaning and classification of marketing, fashion marketing, fashion market-size and structure. Marketing environment-trends in marketing environment. Marketing function-assembling, standardization, grading and packaging.

Unit II Fashion Products 12 h

The fashion industry-importance of fashion products, nature of fashion products- new product development, product mix and range planning. Fashion marketing analysis - Fashion market research and analysis - media planning - advertising media - fashion show.

Unit III Merchandising 12 h

Merchandising- introduction, meaning-concepts of 'six rights'- organization structure of an apparel industry-classification of exporters- rating or grading of export houses. Classification of buyers-export merchandising and retail merchandising- company profile and its contents. Types of merchandisers- digital, product, reset, retail and visual merchandiser - essential requisites of a good merchandiser- vendor sourcing, evaluation and development- global sourcing-vendor nomination by buyers- reasons for vendor nomination- documents recording and maintenance-claims and reasons for claims- factory audits-buyer's code of conducts.

Unit IV Fashion Apparel Process Flow 12 h

Process flow in apparel industry- buyer sourcing and communication- enquiry- order confirmation- order review and its importance-master planning, scheduling or route card-factors for route card-processing for yarn, fabrication, finishing, accessories, sample development. Prototype- meaning, importance-types of samples-expedition of samples.

Unit V Visual Merchandising 12 h

Visual merchandising of fashion, types of displays - windows display, interior displays, color blocking and theme. Elements of display - the merchandise, mannequins and forms, props, signage, lighting. Fashion show-definition, planning, budgeting, location, timings, selection of models, collection. Set design, music, preparing the commentary, rehearsal.



Text Books

- 1 Sak Onkvisit, 2008. International Marketing: Strategy and Theory. Routledge Publishers.
- 2 Dr.Rathinamoorthy. R, 2018. Apparel Merchandising, IBTW publishers.

References

- 1 Mary G Wolfe, 1998. World of Fashion Merchandising. Good heart-Wilcox Publisher.
- 2 Manmeet Sodhia, 2004. Fashion Marketing and Merchandising. Kalyani Publishers
- 3 Mike Easey, 1995. Fashion marketing. Blackwell Science Ltd.
- 4 Dr. Ramesh Babu.V, 2019. Fashion Marketing Management. IBT WPublishers.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A5DB	HOME TEXTILES	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- to learn the concepts of home textiles.
- to know the suitable home furnishing material.
- to gain the knowledge about recent trends in home textile.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand various fiber, yarns and fabrics used in home textiles	K2
CO2	Explain wall and floor coverings for aesthetic purpose and protection	K3
CO3	Identify door and window treatments	K3
CO4	Analyze textiles used for living and bedroom	K4
CO5	Assess kitchen, dining and bathroom linens	K5

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	✓	✓
CO2	✓		✓	✓	✓
CO3	✓	✓	✓	✓	✓
CO4	✓		✓	✓	
CO5	✓	✓	✓	✓	✓

COURSE FOCUS ON:

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A5DB	HOME TEXTILES	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 60 h

Syllabus

Unit I Introduction 12 h

Introduction to home textiles- definition, classification, properties of home textiles. Factors attract home textile- color, design, texture. Various raw materials used- fibres, yarns and fabrics used in home textiles. Sustainable fabrics for interior furnishings. Indian market on Home textiles- values, brands and future scope.

Unit II Floor and wall coverings 12 h

Floor and wall coverings- definition, history and types of floor covering - hard, soft, and resilient floor coverings, uses and care of floor covering, definition, history and types, uses and care of wall coverings. Benefits of Coverings.

Unit III Door and window treatments 12 h

Door and window treatments- definition, size and parts of door and windows, definition - curtains and draperies, materials used for curtains and draperies. Types of curtains - draw, tailored, pleated, cafe curtains, three tire curtains. Type of draperies - swags.

Unit IV Textiles for living and bedroom 12 h

Living room- definition, materials and fabrics - definition for living and bedroom linens, types and designs of living and bedroom linens such as sofa, sofa covers, wall hangings, cushion/cushion covers, upholsteries, bolster and bolster covers, bed sheets, covers, blankets, blanket covers, comfort and comfort covers, bed spreads, mattress and mattress covers, pillow and pillow covers, pads, uses and care.

Unit V Kitchen, Dining and bathrooms linens 12 h

Soft furnishing for kitchen, dining and bathroom- definition, types of kitchen linens, dish cloth, hand towels, fridge, mixer and grinder covers, their uses and care- definition for dinning. Bathroom linens - types, factors affecting the selection of table and bathroom linens, use and care.



Text Books

- 1 D. Gopalakrishnan, T.Karthik, 2020, "Home Textile". Days publishing house.
- 2 M.K.Singh, 2007. "Textile Management at Home". Discovery Publishing Home.

References

- 1 Dr. V. Ramesh Babu, S. Sundaresan, 2017, "Home Furnishing". Wood Head Publishing.
- 2 M.Pratap Rao, 2001. "Interior design principle and practice" N.C.Jain Publications.
- 3 Anne van Wagner, 1993. Childs Leisure Arts- Inc., Sew- no- more Home Décor. Arkansas, U.S.A.
- 4 GW James, 2003. "Indian Blankets and their makers". Abhishek Publications.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A5DC	DESIGN THINKING	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- to apply the stages of thing in designing
- to understand the different stages of thinking
- to Create ideas based on design directions.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Explain the design thinking and its benefits	K2
CO2	Apply the fundamental concepts of Design Thinking	K3
CO3	Identify the Empathize and Define the problem	K3
CO4	Analyze the research and its types.	K4
CO5	Develop the ideas and prototype according to the stages of thinking	K5

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	M	S
CO2	S	S	S	M	S
CO3	S	S	S	M	S
CO4	S	S	S	M	S
CO5	S	S	S	M	S

COURSE FOCUS ON:

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A5DC	DESIGN THINKING	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 60 h

Syllabus

Unit I Design thinking 12 h

Design thinking -introduction of design thinking concept, definition, difference between traditional and design thinking, Key Features of the Design Thinking Process, benefits of design thinking.

Unit II Fundamental Concepts 12 h

Introduction to Fundamental concepts- Empathy, Ethnography, Divergent Thinking, Convergent Thinking, Visual Thinking, Assumption Testing, Prototyping, Time for Learning and Validation

Unit III Stages of design thinking 12 h

Stage of Design Thinking - Empathize, Define, Ideate, Prototype and Test. Empathize - Listening and Empathizing Techniques - observation - structured open ended approach. Define - Design Brief, objectives and proportion.

Unit IV Research 12 h

Research- Identifying drivers and barriers, types of Information gathering - Quantitative and Qualitative, Target groups - Character profiles, Samples and feedback.

Unit V Ideate and Prototype 12 h

Ideate- Basic design directions, Themes of thinking, Inspiration and references, idea generating techniques, Prototyping - Developing designs, Types of prototype, Implementation.



Text Books

- 1 Fiona dieffen bancher, 2013. "Fashion thinking: Creative approach to the design process" AVA publication.
- 2 Alexander osterwalder, yuespignur, Gregory bernarda, 2014. "Value proportion design- john wiley & sons", Chandigarh.

References

- 1 Susan mellerjoosteiffers, 1991. "Textile Design". Thames And Hudson .
- 2 Payal Jain, 2005. "Fashion Studies". Ashish Gosalin for Har Anand Publications.
- 3 Gavin Ambrose, 2009. "Basics Design 08: Design Thinking". Fairchild Books.
- 4 Mrs. Usha Raj Kumar, 2006. "Design Studies". Manmeet Sodhia.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A5GA	PERSONAL GROOMING AND STYLING	GE	4		-	4

PREAMBLE

This course has been designed for students to learn and understand

- to understand the Concept of personal Grooming
- to develop Styling and makeover
- to identify Skin essentials

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Explain Personal Grooming and Enhance the features	K2
CO2	Analyse Hair care, hair style and Personal hygiene	K3
CO3	Classify the hand and foot care	K2, K3
CO4	Identify makeup Artistry	K4
CO5	Categorize Clothing and Accessories	K3, K4

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	✓	
CO2	✓	✓		✓	✓
CO3	✓	✓	✓	✓	✓
CO4	✓	✓	✓		✓
CO5	✓		✓	✓	✓

COURSE FOCUSES ON:

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input checked="" type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A5GA	PERSONAL GROOMING AND STYLING	SEMESTER V
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Total Credits: 2

Total Instruction Hours: 48 h

Syllabus

Unit I Personal Grooming – Face care 10 h

Grooming – Introduction and importance. Face care - cleanser, toner, moisturizer, sun screen, day and night cream. Lip care- lip gloss, lip balm. Face wash, anti-aging creams. Hair care- oily and dry- shampooing, conditioning, coloring, keratin treatment.

Unit II Hair care 10 h

Hair care – oiling and dry, shampooing, conditioning, Coloring, keratin treatment, scalp treatment, Detox treatment and Toning treatment. Hair styles – braiding, curls, straightening, and buns. Personal hygiene – breath, perspiration – body odour.

Unit III Hand and Foot care 10 h

Hand care- Regular washing, Moisturizing, Nail care, Protective measures and Harsh chemicals (pH value). Foot care- Proper Hygiene, Exfoliation, Moisturizing, trimming nails, choosing proper footwear. Manicure and pedicure - Application and uses. Nail and nail arts.

Unit IV Makeup artistry 9 h

Makeover-definition, introduction, types of makeup based on skin type, shape of the face and its features. Hair- Textures, hair styling and products, hair-styling equipment's.

Unit V Clothing and Accessories 9 h

Introduction to Dress Elegantly –clothing style for different figures. Different types of fashion accessories – fashion jewelry- neck piece, earring, shoe, ties, glasses, sunglasses, watches and headbands, waist belt, anklets, watches, hand bags. Footwear- shoes, slippers, sandals, ballerinas and wedges. Goggle -sun glass, styling glass and Lens.




Text Books

- 1 Milady, 2020. "Milady Standard Cosmetology", Cengage publication.
- 2 Capt. Peabody Fawcett, 2016, "The Gentleman's Guide to Grooming the Quintessential Handbook for the Modern Man"

References

- 1 Anuschka Rees, 2016, "The Curated Closet A Simple System for Discovering Your Personal Style and Building Your Dream Wardrobe".
- 2 Charlotte Cho, "The Little Book of Skin Care Korean Beauty Secrets for Healthy, Glowing Skin"
- 3 Lois Joy Johnson, 2012, "The Wardrobe Wakeup.
- 4 Bobbi, 2008, "Bobbi Brown Makeup Manual".


BoS Chairman/HoD
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APPROVED		
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Course Code	Course Name	Category	L	T	P	Credit
222CF1A6CA	TECHNICAL TEXTILES	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the technical textiles and its application
- the various sectors of technical textiles.
- the various applications of textiles

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Brief note on technical textiles and fibres used in technical textiles.	K2
CO2	Understand about definition, material used, types and uses of agrotech, geotech, oekotech or ecotech and buildtech	K2
CO3	Gain knowledge on definition, material used, types and uses of clothtech, homotech and indutech.	K2
CO4	Analysis about the definition, material used, types and uses of mobiltech, meditech and pro tech.	K2
CO5	Discussion on the definition, material used, types and uses of, sporttech, packtech and smart textiles.	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓		✓
CO2	✓	✓			
CO3	✓		✓	✓	✓
CO4	✓	✓	✓		
CO5	✓		✓	✓	

COURSE FOCUSES ON

<input checked="" type="checkbox"/>	Skill Development	<input checked="" type="checkbox"/>	Entrepreneurial Development
<input checked="" type="checkbox"/>	Employability	<input checked="" type="checkbox"/>	Innovations
<input type="checkbox"/>	Intellectual Property Rights	<input type="checkbox"/>	Gender Sensitization
<input type="checkbox"/>	Social Awareness/ Environment	<input type="checkbox"/>	Constitutional Rights/ Human Values/ Ethics



222CF1A6CA	TECHNICAL TEXTILES	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Fibers and Yarns 10 h

Technical textiles- Definition and scope of technical textiles, classification of technical textiles. Global and Indian scenario of technical textiles, Fibres used in technical textiles, technical yarns: staple yarns, monofilament, multifilament yarns.

Unit II Classifications 10 h

Agrotech (agro-textiles) - definition, material used, types and uses. Geotech (geo-textiles) - definition, material used, types, uses. Oekotech or Eco tech (environmentally friendly textiles) - definition, material used, types, uses. Buildtech (construction textiles) - definition, material used, types, uses.

Unit III Clothtech and Indutech 9 h

Function of production control, production analysis, quality specifications, qualitative specifications, scope of apparel manufacturing activity, coordinating departmental activities, distribution of documents and records.

Unit IV Mobiltech and Meditech 10 h

Mobiltech (transport, automotive and aerospace) - definition, material used, types, uses. Meditech (medical) - definition, material used, types, uses. Protech (protective textiles) - Definition, material used, types, uses.

Unit V Sports tech and Packtech 9 h

Sport tech (sports textiles) - definition, material used, types, uses. Packtech (packaging textiles) - definition, material used, types, uses. Smart textiles- definition, material used, types, uses.



Text Books

- 1 Horrocks. A.R and Anand. S.C, 2000. "Handbook of Technical Textiles". Woodhead Publishing Ltd, England.
- 2 Cann. J. Mc, 2009. "Smart clothes & wearable technology", Woodhead Publishing Ltd

References

- 1 Song. G, 2011. "Improving comfort in clothing", Elsevier.
- 2 Anand, Bayindirli, 2010. "Medical & healthcare textiles", Elsevier.
- 3 Barel. A.O, Benavides, 2009. "Smart Clothes and wearables technology", Elsevier
- 4 Mattila. H.R, 2006, "Intelligent textiles & clothing", Elsevier.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A6CB	ORGANISATION OF GARMENT UNIT	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand the

- impart knowledge on organization of garment unit
- familiarize Institutions supporting entrepreneurs
- Know about the layout of garment industries.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	List the departments involved in a garment unit.	K2
CO2	Describe the institutions supporting entrepreneurs.	K2
CO3	Explain the steps involved in organization of a garment unit.	K2
CO4	Demonstrate fashion design and layout of a garment industry.	K4
CO5	Discuss the performance of Indian garment exports.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓		✓
CO2	✓	✓			
CO3	✓		✓	✓	✓
CO4	✓	✓	✓		
CO5	✓		✓	✓	

COURSE FOCUSES ON

<input checked="" type="checkbox"/>	Skill Development	<input checked="" type="checkbox"/>	Entrepreneurial Development
<input checked="" type="checkbox"/>	Employability	<input checked="" type="checkbox"/>	Innovations
<input type="checkbox"/>	Intellectual Property Rights	<input type="checkbox"/>	Gender Sensitization
<input type="checkbox"/>	Social Awareness/ Environment	<input type="checkbox"/>	Constitutional Rights/ Human Values/ Ethics



222CF1A6CB	ORGANISATION OF GARMENT UNIT	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Organization in Garment Unit 9 h

Garment organization-meaning, definition and types-need for Garment organization- managements-garment organization structure-process organization in garment unit.

Unit II Factory Design 10 h

Factory Design and layout – importance of factory design, factors affecting factory design, Types of buildings, (single and Multi –storey) –advantages and limitation. Factory layout – Process, Product and combined layout Design requirement – requirements relating to health, safety and welfare.

Unit III Garment Departments 10 h

Introduction to knitting, history and definition – classification of warp and weft knitting – basic elements of warp and weft knitting – three way technique to develop design – knit, tuck and miss, comparison of weaving and knitting.

Unit IV Garment Export 9 h

Garment export-Introduction- importance -export market research-export documentation and procedures-garment export regulations-export pricing-logistics and supply chain management-export marketing and promotion

Unit V Financial assistance and schemes for garment unit 10 h

Organization supporting garment unit-introduction, importance-DIC, NSIC, SISI, SIPCOT, TIL, KVIC, CODISSIA, COMMERICAL BANKS-SBI and SBI types. Organization structure of garment unit-Hierarchical organization, production planning and controlling



Text Books

- 1 Harold Carr and Barbara Latham, 1994. "The technology of clothing Manufacture", Black well Science.
- 2 GerryCooklin&Marshell, 2007. "Introduction to Clothing Manufacture", 6th Enlarged Edition, Blackwell Publications, USA.

References

- 1 Dinakar pagare, 1980. "Principles of management "sultan Chand and Sons.
- 2 Dr. C.B Gupta, Dr.N.P.Srinivasan, 1997. "Entrepreneurship Development in India", Sultan Chand and sons Delhi.
- 3 Darlie O Koshy, 1998. "Garment Exports".
- 4 AJ Chester. 1998. "Introduction to clothing production management", 2nd Edition, Wren bury Associates Ltd



222CF1A6CP	COMPUTER AIDED DESIGNING -II	SEMESTER VI
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Total Credits: 2
Total Instructions Hours: 48 h

S.No	Contents
1	Application of colour harmony in design - Monochromatic and Analogous colour harmony
2	Application of colour harmony in design - Complementary, Double and Split complementary colour harmony.
3	Application of colour harmony in design - Triad and Tetrad colour harmony.
4	Application of colour harmony in design -Neutral colour harmony.
5	Applications of principles of design in dress design - Balance- formal and Informal
6	Applications of principles of design - Rhythm- by line, gradation and Radiation in dress design.
7	Applications of principles of design - Emphasis, Proportion and Harmony.
8	Design garments for the following - Party wear- children, men & women.
9	Design garments for the following - sportswear- children, men & women.
10	Design garments for the following - winter wear- children, men & women.
11	Design garments for the following - summer wear- children, men & women.
12	Prepare pattern for - Bib and Knicker.
13	Prepare pattern for - Jabla
14	Grade the pattern for - Bodice front and back
15	Editing designs: Scan designs from books/magazines/photos - Edit colour, features, background.

Note: Any 10 is mandatory



222CF1A6CQ	FASHION DRAPING	SEMESTER VI
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Total Credits: 2
Total Instructions Hours: 48h

S.No List of Experiments

- 1 Basics - Bodice front and back
- 2 Basics - Dart Manipulation of Skirt front and back
- 3 Basics - Plain sleeve, puff, bell
- 4 Skirts- Dirndl, Peg, Circular, Pleated, Straight
- 5 Necklines - Sweetheart, Scooped, Scalloped, Boat, V and U neck and Round-Halter
- 6 Yokes - Bodice-midriff, Skirt-gathered, Bodice-shoulder
- 7 Collars - Convertible, Mandarin, Peter pan, Shawl, Cowls
- 8 Pockets - basic, patch, cargo
- 9 Top- one design of full front and back bodice

Note: Instructions for the above contents:

1. Drafting the following garments for the features prescribed.
2. List the measurements required and materials suitable.



References

- 1 Connie Amadan Crawford, 1989. "The Art of Fashion Draping". Om Book International
- 2 Manmeet Sodhia, 2004. "Advanced Drafting and Draping". Kalyani Publishers
- 3 Winifred Aldrich, 2007. "Fabric Form and Flat Pattern Cutting"
2nd Edition Blackwell Publishers
- 4 Manmeet Sodhia, 2001. "Dress Designing". K. Kalyani Publishers



222CF1A6SV	FASHION PORTFOLIO (PROJECT VIVA VOCE)	SEMESTER VI
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Total Credits: 2
Total Instructions Hours: 48 h

S.No	Contents
1	CREATE DESIGN AND CONSTRUCT 4-6 GARMENTS: . CONCEPT AND THEME DEVELOPMENT
2	Inspiration- idea sourcing- research and adaptation- exposure to new ideas to encourage originality of thought. Theme and direction for design brief- fabric theme. Colour story- concept and direction- formulation of design brief. . DEVELOPMENT OF MOOD BOARDS AND STORY BOARDS:
3	Creation of concept boards- mood boards and illustration boards methods of displaying the fashion collection- techniques of presentation for selection. Visualization and communication- idea sheets, organization of illustrated designs into group presentation drawings /illustrations- production of drawings for sample development. FABRIC SOURCING AND PATTERN DEVELOPMENT:
4	Fabric selection- sourcing of fabrics available in the market place. Selection of fabric. Pattern construction and development- toile preparation From Toile's to Actual Garments
5	Construction details, Accessories development, Final presentation Number of garments in a collection- 4-6 garments.

Note: 4-6 Garments is mandatory, Any one Garment in Knitted Material



Course Code	Course Name	Category	L	T	P	Credit
222CF1A6DA	GARMENT QUALITY AND COST CONTROL	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand the

- quality aspects in different department of garment construction.
- different standards used for quality inspection.
- cost control system in apparel industry.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Examine raw material quality in apparel manufacturing industry and assess the scope of quality control.	K2
CO2	Categorize quality specification of apparel manufacturing industry and justifying sampling plans industry with quality standards.	K2
CO3	Predict functions of production control and recommend to distribution of documents and records.	K3
CO4	Restate types of cost control forms of basic production system.	K3
CO5	Identifying the types of cost and expensive in apparel manufacturing industry.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓		✓
CO2	✓	✓			
CO3	✓		✓	✓	✓
CO4	✓	✓	✓		
CO5	✓	✓	✓	✓	

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A6DA	GARMENT QUALITY AND COST CONTROL	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Quality Control establishments 10 h

Definition and scope of quality control- establishing merchandising standards- establishing raw material quality, quality control specifications- quality control of raw material.

Unit II Quality Control Procedures 10 h

Establishing processing quality specification- training quality control personnel- quality standard control- quality control inspection, procedures for processing- quality control of finished garments- quality control and government contracts- quality control for packaging, warehousing and shipping- statistical quality control. Sampling plans- industry- wide quality standards.

Unit III Specifications and Functions 9 h

Function of production control, production analysis, quality specifications, qualitative specifications, scope of apparel manufacturing activity, coordinating departmental activities, distribution of documents and records.

Unit IV Principles and Evaluations 9 h

Type of control forms- basic production systems- whole garment, departmental whole garment, sub assembly systems and progressive bundle systems, principles for choosing a production system- evaluating production systems- flow process grids and charts- basic flow process grids construction- flow process grids for production control.

Unit V Cost Control System 10 h

Functions of cost control, types of costs and expenses. Apparel manufacturing cost categories- sales cost control, purchasing cost control, production cost control, administration cost control- cost ratio policies- the manufacturing budget- cash flow controls- standard cost sheet, breakeven- charts.



Text Books

- 1 S. M. Hossen, 2021. "Total Quality Management in the Textile and Garment Industry ". Springer, Bangladesh.
- 2 Stanley Bernard Brahams, 2017. "The Fundamentals Of Quality Assurance in the Textile Industry" Productivity Press, USA.

References

1. Testex textile, 2020. Garment Quality Control: A Practical Guide for Apparel Companies. Switzerland.
- 2 Davi Shaw and Dimitri Koumbis, 2013. "Fashion Buying : From Trend Forecasting to Shop Floor" Bloomsbury, India.
- 3 Krishna lal, 2020 ." Garment Costing" Woodhead Publishing, India.
4. Steven M. Bragg, 2012. "The Cost Management Toolbox", John Wiley & Sons, USA.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A6DB	PRINCIPLES OF TEXTILE TESTING	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand the

- study about testing standards and methods.
- gather knowledge on Fiber, yarn and fabric testing.
- understand about Fiber trash and lint

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Knowledge to testing and its various terminologies	K2
CO2	Determination of Fibre testing and trash and lint in cotton.	K2
CO3	Understand about Yarn Testing, numbering system, instruments for count determination	K2
CO4	Overview on Various forms of Fabric testing.	K4
CO5	Detailing about Various forms of Colour fastness tests to fabrics..	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓		
CO2	✓	✓		✓	✓
CO3	✓		✓		✓
CO4	✓	✓	✓	✓	
CO5	✓	✓		✓	✓

COURSE FOCUSES ON

<input checked="" type="checkbox"/>	Skill Development	<input checked="" type="checkbox"/>	Entrepreneurial Development
<input checked="" type="checkbox"/>	Employability	<input checked="" type="checkbox"/>	Innovations
<input type="checkbox"/>	Intellectual Property Rights	<input type="checkbox"/>	Gender Sensitization
<input type="checkbox"/>	Social Awareness/ Environment	<input type="checkbox"/>	Constitutional Rights/ Human Values/ Ethics



222CF1A6DB	PRINCIPLES OF TEXTILE TESTING	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 75 h

Syllabus

Unit I Introduction of Textile Testing 15 h

Introduction to testing-terminology of testing-Types of testing-selection of samples for testing. Standard-ASTM, ISO, AATCC, BISO, RH and temperature for testing-measurement of moisture regain conditioning oven-its advantage and disadvantage.

Unit II Fiber Testing 15 h

Importance of fiber testing-methods of testing- Shirley moisture meter-Fiber testing-strength, moisture -fineness, interpretation of result -cotton fiber length, Baersorter, fineness, Sheffield micronaire.

Unit III Yarn Testing 15 h

Yarn Testing- importance, needs, uses, yarn and yarn numbering system, instruments for count determination, yarn strength testing, single strength tester,lea strength tester. Yarn twist, twist testers. Yarn evenness, methods of measuring evenness, yarn faults, classifications. Yarn hairiness and crimp testing

Unit IV Fabric Testing 15 h

Fabric testing-fabric particulars -length, width, crimp, weight, cover factor, fabric strength- tensile strength, tearing strength, hydraulic, bursting strength, fabric abrasion, pilling testing, fabric drape, fabric stiffness, fabric crease resistance and crease recovery measurements, fabric permeability and spirality.

Unit V Color Fastness 15 h

Importance of color fastness- Types- color fastness to washing, color fastness to crocking, color fastness to light tests, needs, uses, process, interpretation of result, equipment's and woven fabric testing – process - crocking, perspiration, sunlight, laundering using detergents and soaps, pressing. Color fastness testing standards. Greyscale index, whiteness index.



Text Books

- 1 Amutha.K,2016."A practical guide to textile testing".Woodhead publications..
- Angappan.Pand Gopalakrishnan.R, 2002. "Textile Testing. SSM Institute of
- 2 Textile Technology", Komarapalayam.

References

- 1 Patrica Dolez, oliver Vermeersch and ValerioIzquierdo, 2018, "Advanced Characterization & testing of textiles". Woodhead publications
- 2 Mishra.S.PandKesavan.B.K, "Fiber Science. SSM Institute of Textile Technology", Komarapalayam.
- 3 Qufu wei, 2012, "Functional nano fibres and their applications", Woodhead publications.
- 4 J.E.Booth, 1996, "Principles of Textile testing", 3rd Edition CBS publishers & Distributers pvt ltd



Course Code	Course Name	Category	L	T	P	Credit
222CF1A6DC	BOUTIQUE MANAGEMENT	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand the

- managing a small-scale business establishment.
- implementation of design and marketing their brands.
- understand the marketing research and promotion

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remembering the fundamentals of fashion design	K2
CO2	Understanding the concepts of boutique management	K2
CO3	Applying the new ideas for a business	K2
CO4	Analyzing the market research for promoting business	K4
CO5	Assessing SWOT to run a boutique	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓		✓
CO2	✓	✓			
CO3	✓		✓	✓	✓
CO4	✓	✓	✓		
CO5	✓	✓	✓	✓	

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A6DC	BOUTIQUE MANAGEMENT	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48h

Syllabus

- Unit I** Introduction to boutique 10 h
- How to start a boutique - Identifying trends and market demand, Government norms to run a boutique, creating a business plan, finding an ideal location, financial planning. Designing your store, Boutique's brand - choosing a name and tag line, developing your brand, building your website.
- Unit II** Boutique indoor and outdoor design 10 h
- Boutique design - Key elements of boutique aesthetics and functionality, Importance of design in enhancing customer experience, layouts - brick and mobile layouts, Boutique Interior Design Principles- Color schemes, lighting, and ambiance, Choosing and arranging furniture for an inviting look, creating focal points to draw attention to featured products display fixtures. interior designing.
- Unit III** Customer Attraction 10 h
- Buyer supplier relationships, consumer relationship, tips and tricks to attract customers. Customer Attraction Tips and Tricks, Effective marketing strategies to attract customers, utilizing promotions, events, and loyalty programs, Traits of successful owner, important and helpful qualities of a boutique owner, speciality to consider in your boutique. sourcing of raw materials
- Unit IV** Product placement strategies 9 h
- Arranging Products in Your Boutique-Product placement strategies, Principles of visual merchandising and creating focal points Seasonal displays, themed sections, Effective Sales Techniques - Approaching and greeting customers professionally, understanding customer needs, offering little extras, store operation - handling cash, security issues, taking inventory, setting hours and policies.
- Unit V** Techniques to run a boutique 9 h
- Essential techniques to run a boutique, warehouse. Managing your staff and labour - scheduling, good communication, evaluating staff performance. Attracting customers - paid advertising, free publicity, customer files and your website, trunk and fashion sales. Quality control, research and development and analysis, maintenance of boutique.



Text Books

- 1 Briana Stewart, (2014). Opening a Boutique Store: How to Start Your Own Boutique. Bull City Publishing.
- 2 Tag Goulet, (2011). Fab Job Guide to Become a Boutique Owner, Debbra Mikaelson, Catherine Goulet, Fab Job Incorporated.
- 3 Sunita, (2009). Management Practices of Boutique Enterprise

References

- 1 Christy Wright, (2017). Business Boutique. Ramsey press.
- 2 Alison Jones, (2013). Marketing ideas for the clothing Boutique Business. First Edition. Elmsbury Publisher.
- 3 Jennifer Lynne Mathews, (2009). Fashion Unravelled: How to start, run and manage an independent Fashion Label.
- 4 Chiaffarono, (2015). Progressive Business Plan for a Bridal Boutique. 2nd Edition. Progressive Business Consulting Inc. Publication.
- 5 Emily A, (2015). Ultimate Boutique, Benson publication.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A6DD	EXPORT AND IMPORT DOCUMENTATION	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- learn about preparation of Export Marketing
- gain knowledge about shipment process
- it helps in understanding the foreign trade policies

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn about the Marketing strategies	K4
CO2	Understand the procedure of exports.	K3
CO3	To know about legal methods of imports.	K2
CO4	Gain knowledge on documentation systems.	K3
CO5	To know about the policies.	K4

MAPPING WITH PROGRAMME OUTCOME

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓		✓
CO2	✓	✓			
CO3	✓		✓	✓	✓
CO4	✓	✓	✓		
CO5	✓		✓	✓	

COURSE FOCUSES ON

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



222CF1A6DD	EXPORT AND IMPORT DOCUMENTATION	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Preliminaries for Exports and Imports 10 h

Meaning and Definition of Export – Classification – Strategy and Preparation for Export Marketing – Registration Formalities – IEC – RCMC – Export Licensing – Selection of Export Product – Identification of Markets – Methods of Exporting – Pricing Quotations – Payment Terms – Letter of Credit. Liberalization of Imports – Negative List for Imports – Categories of Importers – Special Schemes for Importers

Unit II Export Procedure 9 h

Steps in Export Procedure – Export Contract – Forward Cover – Export Finance – Institutional framework for Export Finance – Excise Clearance – Pre-shipment Inspection – Methods of Pre-shipment Inspection – Marine Insurance – Role of Clearing and Forwarding Agents.

Unit III Import Procedure 9 h

Pre-Import Procedure – Steps in Import Procedure – Legal Dimensions of Import Procedure – Customs Formalities for Imports – Warehousing of Imported goods – Exchange Control Provisions for Imports – Retirement of Export Documents.

Unit IV Export and Import Documentation 10 h

Aligned Documentation System – Commercial Invoice – Shipping Bill – Certificate of Origin – Consular Invoice – Mate's Receipt – Types of Marine Insurance Policies. Import Documents – Transport Documents – Bill to Entry – Certificate of Inspection – Certificate of Measurements – Freight Declaration.

Unit V Policy for Exports and Imports 10 h

Trade Policy – Highlights – Special Focus and Initiatives – Sustainable-OCI, BCI, SAC, GOTS, OEKO TEX standards, Introduction, Importance, ASIDE – MAI and MDA – Star Export House. Incentives for Exporters, Import Promotion council.



Text Books

- 1 (2002) Handbook of Import- Export Procedures, Ministry of Commerce, Government of India, New Delhi.
- 2 D.C. Kapoor, (2012) Export Management, Vikas Publishing House

References

- 1 R.L. Varshney, Sultan Chand, (2009). International Marketing Management.
- 2 Paras Ram, (2004) Export: What, Where and How, Anupam Publishers, Delhi.
- 3 TAS Balagopal, (2006) Export Marketing Himalaya Publishing House.
- 4 V Sharan, (2001) International Business, Concept, Environment and Strategy.



Course Code	Course Name	Category	L	T	P	Credit
222CF1A6DE	SUSTAINABLE ECO TEXTILES	DSE	4	-	-	4

PREAMBLE

This course has been designed for students

- to understand the importance of eco textiles and fibers
- to learn about Eco fabric finishes, testings and standards.
- to gain knowledge about various natural dyes

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the eco textiles, minor and major commercial fibers and fibers extraction methods.	K2
CO2	Knowledge the ecology and eco-friendly textile processing.	K2
CO3	Acquire knowledge in extraction of natural dye and application process of enzymes.	K3
CO4	Know about the application of natural fabric finishes, eco labels and standards	K4
CO5	Analyse the ethical manufacturing and environmental protection	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓		✓
CO2	✓	✓			
CO3	✓		✓	✓	✓
CO4	✓	✓	✓		
CO5	✓		✓	✓	

COURSE FOCUSES ON

<input checked="" type="checkbox"/>	Skill Development	<input checked="" type="checkbox"/>	Entrepreneurial Development
<input checked="" type="checkbox"/>	Employability	<input checked="" type="checkbox"/>	Innovations
<input type="checkbox"/>	Intellectual Property Rights	<input type="checkbox"/>	Gender Sensitization
<input type="checkbox"/>	Social Awareness/ Environment	<input type="checkbox"/>	Constitutional Rights/ Human Values/ Ethics



222CF1A6DE	SUSTAINABLE ECO TEXTILES	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Eco- Fibers 10 h

Eco-Fibers – Introduction, need, importance. Natural fibers- Classification of natural fibers used in textiles, Importance of natural fibers - sisal, pineapple, coir, nettle, soya, spider silk. Recent natural fibers- Corn fiber, Mushroom fiber, Rise Husk, composition, properties and uses

Unit II Eco- processing 10 h

Eco textile processing- Role in sustainable development. Enzyme-meaning- properties of enzymes used in textiles- application of enzymes in textile process- Bio-desizing, bio scouring, bio polishing, bio stoning, enzymatic degumming and enzymatic retting- Methods - uses

Unit III Eco- Dyes 10 h

Natural Dyes History, Importance- Types of Natural dyes-Sources- plant, animals and minerals- Dye Extraction methods - Ultra sonic and micro wave extraction, enzymatic extraction, solvent extraction, super critical carbon dioxide extraction. Mordants-natural mordants-Importance - Mordanting techniques- pre, meta and post mordanting.

Unit IV Eco- Finishes 9h

Natural Finishes- Importance of natural finishes - Traditional plants and herbs used in natural finishing. Recent Natural finishes on textiles- Enzyme, Softener and Plasma treatments. Eco- labelling and various eco- standards for textiles - Eco - auditing.

Unit V Ethical and Environmental Issues 9h

Ethical manufacturing- Ethical and environmental issues relating to textile and fashion industry. Ethical Standard practices for scouring of sustainable fashion clothing and accessory. Corporate social responsibility in fashion and apparel industry. Environmental protection - Importance - Environmental impacts of textile industries.



Text Books

- 1 K.Sangeetha, 2017. Eco Textiles and Sustainability, Laser Park Publishing House,
- 2 Richard Blackburn, 2009.Sustainable Textiles: Life Cycle and Environmental Impact, Wood head Publication, Pv. Ltd.,

References

- 1 Charis M. Galanakis, 2020. Biobased Products and Industries, Elsevier
- 2 Shahid UI-Islam, 2018.The Impact and Prospects of Green Chemistry For Textile, Bhupendra Singh Butola, Elsevier.
- 3 P. Vinayagamurthi. S. Kavitha, D. Gopalakrishnan, 2018. Textiles finishing – Basic concepts and application, Astral Publications International Pvt.Ltd, New Delhi,
- 4 M W King, B S Gupta, R Guidoin, 2013. Bio-Textiles as Medical Implants, Woodhead Publishing



Course Code	Course Name	Category	L	T	P	Credit
222CF1A6DF	FASHION BRANDING AND COMMUNICATION	DSE	4	-	-	4

PREAMBLE

This course has been designed for students

- to learn fashion brands are created, communicated, and marketed in the modern industry
- to understand the development of brand identity, the fundamentals of brand positioning
- to gain knowledge about Digital platforms like social media, SEO and SEM

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the concept of fashion branding and distinguish between brand and product.	K2
CO2	Analyze the components and significance of brand identity and its role in fashion positioning	K2
CO3	Apply digital marketing strategies and tools for enhancing fashion e-commerce	K2
CO4	Examine fashion communication strategies and understand the role of media, influencers, and events in fashion branding	K4
CO5	Develop strategies for brand positioning and crisis management in fashion branding.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓		
CO2	✓	✓		✓	
CO3	✓				✓
CO4	✓	✓	✓		
CO5	✓				

COURSE FOCUSES ON

<input checked="" type="checkbox"/>	Skill Development	<input checked="" type="checkbox"/>	Entrepreneurial Development
<input checked="" type="checkbox"/>	Employability	<input checked="" type="checkbox"/>	Innovations
<input type="checkbox"/>	Intellectual Property Rights	<input type="checkbox"/>	Gender Sensitization
<input type="checkbox"/>	Social Awareness/ Environment	<input type="checkbox"/>	Constitutional Rights/ Human Values/ Ethics



222CF1A6DF	FASHION BRANDING AND COMMUNICATION	SEMESTER VI
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Syllabus

Total Credits: 4

Total Instruction Hours: 48 h

Unit I Fashion Brand 10 h

Fashion Brand - Definition, Brand and Product. History and development of fashion brands Understanding the fundamentals of branding. Role of branding in the fashion industry. Brand hierarchy- Definition and Importance, Key Components, Needs- Brand pyramids

Unit II Brand Identity 10 h

Brand Identity - Definition, importance, key components of brand identity, Vision, Meaning, Authenticity, Differentiation, Durability, Coherence, Flexibility, Commitment, Value, logo, name, and visual elements. Brand Identity and Value Proposition

Unit III Brand positioning 9 h

Brand positioning -Definition, importance, Differentiation, Market positioning, Brand strategy- development of brand strategy. Importance, need, types and applications. Brand image- Importance, need and developing methods. Role of Media in Shaping Brand Image, Managing Brand Image Crisis.

Unit IV Fashion Communication 10 h

Fashion Communication -Introduction and role. fashion communication strategies- Internal vs. external, Communication channels and tools: Digital, print, events, influencers, The importance of Fashion Weeks and pop-up shops. Consumer behavior in the fashion industry. The psychology of fashion- buying behavior and consumer loyalty.

Unit V Digital Marketing and Fashion E Commerce 9 h

Digital marketing - Definition and role of digital marketing in fashion branding. Search Engine-Optimization (SEO), Search Engine Marketing (SEM), and content marketing for fashion brands, Social Media Marketing (SMM), Email Marketing, Affiliate Marketing, Online Reputation Management (ORM)



Text Books

1. Kaled K. Hameide, 2016, Fashion Branding Unraveled, Bloomsbury Publication, ISBN NO 1501303619, 9781501303616
- 2 Dave Chaffey, Fiona Ellis-Chadwick , 2012, Digital Marketing: Strategy, Implementation and Practice, Pearson Publication.

References

- 1 Michael R. Solomon, Nancy J. Rabolt, 2004 , Consumer Behavior: In Fashion, Prentice Hall
- 2 U. Okonkwo, 2007, Luxury Fashion Branding: Trends, Tactics, Techniques, Palgrave Macmillan



Course Code	Course Name	Category	L	T	P	Credit
225BI1A6AA	INNOVATION AND IPR	AECC	2	-	-	2

PREAMBLE

This course has been designed for students to learn and understand

- basics of Intellectual Property Rights, Copy Right Laws Trade Marks and Patents
- ethical and professional aspects related to intellectual property law context.
- Intellectual Property (IP) as a career option

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	understand the concept of Creativity, Invention and innovation	K2
CO2	know the value, purpose and process of Patent	K2
CO3	understand the basics of trademarks and industrial designs	K2
CO4	acquire knowledge about copyright and copyright law	K2
CO5	identify Geographical Indications	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1		✓		✓	
CO2		✓		✓	
CO3		✓		✓	
CO4		✓		✓	
CO5		✓		✓	

Course Focuses on

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input checked="" type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input checked="" type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics



225BI1A6AA	INNOVATION AND IPR	SEMESTER VI
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Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

Unit I Introduction 5 h

Meaning of Creativity, Invention and Innovation - Types of Innovation - Relevance of Technology for Innovation - Need for Intellectual Property Right (IPR) - Kinds of IPR - National IPR Policy.

Unit II Patents 5 h

Introduction and origin of Patent System in India - Conceptual Principles of Patent Law in India - Process for obtaining patent - Rights granted to a Patentee - Infringement of Patent

Case Study: Patent Infringement the Apple vs Samsung.

Unit III Trademarks 5 h

Origin of Trade Marks System - Types - Functions - Distinctiveness and Trademarks - Meaning of Good Trademark - Rights granted by Registration of Trademarks - Infringement of trademark - Difference between Patents and Trademarks

Case Study: A trademark infringement the Coca-Cola Company vs Bisleri International Pvt. Ltd.

Unit IV Copyright 5 h

Introduction and Evolution of Copyright - Objectives and fundamentals of Copyright Law - Requirements for Copyrights - Works protectable under Copyrights - Authorship and Ownership - Rights of Authors and Copyright owners - Infringement of Copyright

Case Study: Vanilla Ice vs David Bowie & Queen.

Unit V Geographical Indications 4 h

Introduction and Concept of Geographical Indications - History - Administrative Mechanism - Benefits of Geographical Indications - Infringement of registered Geographical Indication.

Note: Case studies related to the above topics to be discussed (Examined internal only)




Text Books

- 1 Nithyananda K. V. 2019, "Intellectual Property Rights Protection and Management India", First Edition, Cengage Learning India Private Limited, New Delhi.
- 2 Ghawlarhs, 2020, "Introduction to Intellectual Property Rights", CBS, New Delhi.

References

- 1 Ahuja V. K. 2017, "Law relating to Intellectual Property Rights and quot India", Lexis Nexis, Mumbai.
- 2 Neeraj P, Khusdeep D. 2014," Intellectual Property Rights", First Edition, PHI learning Private Limited, New Delhi.
- 3 <http://www.bdu.ac.in/cells/ipr/docs/ipr-eng-ebook.pdf>.
- 4 <https://knowledgentia.com/knowledgate>.


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