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	SHIVAJI UNIVERSITY, KOLHAPUR

SHIVAJI UNIVERSITY, KOLHAPUR
416 004, MAHARASHTRA
PHONE : EPABX – 2609000, BOS Section – 0231-2609094, 2609487
Web : www.unishivaji.ac.in Email: bos@unishivaji.ac.in

शिवाजी विद्यापीठ, कोल्हापूर, ४१६ ००४, महाराष्ट्र
दूरध्वनी - इपीबीएक्स - २०६०९०००, अभ्यासमंडळे विभाग : ०२३१- २६०९०९४.
२६०९४८७
वेबसाईट : www.unishivaji.ac.in ईमेल : bos@unishivaji.ac.in

Estd. 1962
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संदर्भ/जा.क्र./शिवाजी वि./अ.मं./ **36**

दि. २०/०१/२०२५

प्रति,

मा. प्राचार्य/संचालक,
सर्व संलग्नित महाविद्यालये/मान्यताप्राप्त संस्था,
शिवाजी विद्यापीठ, कोल्हापूर.

विषय :– B.A. Part- I Dress Making and Fashion Coordination (DMFC) अभ्यासक्रमाबाबत.
संदर्भ :1 या कार्यालयाचे पत्र क्र. 875 दि. 26/12/2023 रोजीचे पत्र.
2 या कार्यालयाचे पत्र क्र. 397 दि. 11/07/2024 रोजीचे पत्र.

महोदय,

उपरोक्त संदर्भिय विषयास अनुसरून आपणास आदेशान्वये कळविण्यात येते की, राष्ट्रीय शैक्षणिक धोरण–2020 (NEP 2.0) नुसार शैक्षणिक वर्ष 2024–2025 पासून लागू करण्यात आलेल्या B.A. Part-I Dress Making and Fashion Coordination (DMFC) या अभ्यासक्रमामध्ये किरकोळ दुरूस्ती करण्यात आलेली आहे.

सोबत सदर अभ्यासक्रमाची प्रत जोडली आहे. तसेच विद्यापीठाच्या www.unishivaji.ac.in. (NEP-2020@suk/Online Syllabus) या संकेतस्थळावर ठेवण्यात आला आहे.

सदर अभ्यासक्रम सर्व संबधित विद्यार्थी व शिक्षकांच्या निदर्शनास आणून द्यावेत ही विनंती.

कळावे,

आपला विश्वासू

(डॉ. एस. एम. कुबल)
उपकुलसचिव
अभ्यास मंडळे विभाग

सोबत : अभ्यासक्रमाची प्रत.

प्रत. माहितीसाठी व पुढील योग्यत्या कार्यवाहीसाठी.

1	अधिष्ठाता, आंतर विद्याशाखीय अभ्यास विद्याशाखा	7	संलग्नता टी. 1 व टी. 2 विभागास
2	अध्यक्ष, गृहशास्त्र अस्थायी मंडळ	8	पी. जी. प्रवेश विभागास
3	संचालक, परीक्षा व मुल्यमापन मंडळ कार्यालयास	9	परिक्षक नियुक्ती ए व बी विभागास
4	इतर परीक्षा 1 विभागास	10	पी. जी. सेमिनार विभागास
5	पात्रता विभागास	11	नॅक विभागास
6	आय. टी. सेल विभागास		

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४१६ ००४, महाराष्ट्र
दूरध्वनी - ईपीएबीएक्स - २६०९०००, अभ्यासमंडळे विभाग - ०२३१-२६०९०९४

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जा.क्र./शिवाजी.वि./अ.मं./ 317

दि.११/०७/२०२४

प्रति,

मा. प्राचार्य/संचालक,
सर्व संलग्नित महाविद्यालये/मान्यताप्राप्त संस्था,
शिवाजी विद्यापीठ, कोल्हापूर

विषय : B.A.Part-I Sem I & II Dress Making and Fashion Coordination या कोर्सच्या
अभ्यासक्रमाबाबत....

संदर्भ : या कार्यालयाचे पत्र क्र. जा.क्र. SU/BOS/875 दि.२६/१२/२०२३

महोदय,

उपरोक्त संदर्भिय विषयास अनुसरून आपणास आदेशान्वये कळविण्यात येते की, शैक्षणिक वर्ष २०२४-२५ पासून लागू करण्यात आलेल्या B.A.Part-I Sem I & II Dress Making and Fashion Coordination या अभ्यासक्रमामध्ये किरकोळ दुरुस्ती करण्यात आलेली आहे. सोबत सदर अभ्यासक्रमाची प्रत जोडली आहे. तसेच विद्यापीठाच्या www.unishivaji.ac.in NEP-2020@suk (Online Syllabus) या संकेतस्थळावर ठेवण्यात आला आहे.

सदर अभ्यासक्रम सर्व संबंधित विद्यार्थी व शिक्षकांच्या निदर्शनास आणून द्यावी ही विनंती.

कळावे,

आपला विश्वासू,

डॉ. म. पी. कुबल
(उपकुलसचिव)

सोबत : अभ्यासक्रमाची प्रत.
प्रत : १. प्र.अधिष्ठाता,आंतरविद्याशाखीय अभ्यास विद्याशाखा.
२. अध्यक्ष,गृहशास्त्र अस्थायी मंडळ.
३. संचालक, परीक्षा व मुल्यमापन मंडळ कार्यालयास.
४. परीक्षक नियुक्ती ए व बी विभागास.
५. बी.ए.परीक्षा विभागास.
६. संगणक केंद्र/आय. टी. सेल विभागास.
७. दूरस्थ व ऑनलाईन शिक्षण विभाग.
८. पी.जी. सेमीनार
९. नॅक विभाग

माहितीसाठी व पुढील कार्यवाहीसाठी.

	SHIVAJI UNIVERSITY, KOLHAPUR - 416 004, MAHARASHTRA PHONE : EPABX - 2609000, www.unishivaji.ac.in, bos@unishivaji.ac.in शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४,महाराष्ट्र दूरध्वनी - ईपीएबीएक्स - २६०९०००, अभ्यासमंडळे विभाग दूरध्वनी ०२३१-२६०९०६३१/९४	
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Ref.No. SUK/BOS/ 875   Date: 26 /12/2023

To,

The Principals,

All Concerned Affiliated Colleges / Institutions.

Shivaji University, Kolhapur.

    Subject: Regarding syllabi of B.A. Part–I (Sem I & II) under the Faculty of Inter-Disciplinary Studies.

Sir/Madam,

    With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the syllabi of nature of question and equivalence B.A. Part – I (Sem I & II) as per NEP-2020 (2.0) degree programme under the Faculty of Inter-Disciplinary Studies.

1)	B.A. Part – I (Sem I & II) Education	5)	B.A. Part – I (Sem I & II) Social Work
2)	B.A. Part – I (Sem I & II) Physical Education	6)	B.A. Part – I (Sem I & II) Home Science
3)	B.A. Part – I (Sem I & II) Journalism	7)	B.A. Part – I (Sem I & II) Music
4)	B.A. Part – I (Sem I & II) Dress Making and Fashion Coordination.		

    This syllabus, nature of question and equivalence shall be implemented from the academic year 2024-2025 onwards. A soft copy containing the syllabi is attached herewith and it is also available on university website www.unishivaji.ac.in. (Online Syllabus)

    The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October / November 2024 & March/April 2025. These chances are available for repeater students, if any.

    You are, therefore, requested to bring this to the notice of all students and teachers concerned.

    Thanking you,

Yours faithfully,

Dr. S.M.Kubal
Dy.Registrar

Copy to:

1	Director, Board of Evaluation and Examination	7	Centre for Distance Education
2	The Dean, Faculty of IDS	8	Computer Centre / I.T.cell
3	The Chairman, Respective Board of Studies	9	Affiliation Section (U.G.) / (P.G.)
4	B.A.,B.Com.,B.Sc. Exam	10	P.G.Admission / P.G.Seminal Section
5	Eligibility Section	11	Appointment Section –A/B
6	O.E.I, II, III, IV Section	12	Dy.registrar (On/ Pre.Exam)

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SHIVAJI UNIVERSITY, KOLHAPUR

Established: 1962

A⁺⁺ Accredited by NAAC (2021) With CGPA 3.52

New Syllabus For

Bachelor of Arts
[B. A. in Dress Making and Fashion Coordination]

Under the faculty of Interdisciplinary Studies
B. A. Part - I (Semester - I and II) NEP 2.0

STRUCTURE AND SYLLABUS IN ACCORDANCE WITH

NATIONAL EDUCATION POLICY - 2020

HAVING CHOICE BASED CREDIT SYSTEM

WITH MULTIPLE ENTRY AND MULTIPLE EXIT OPTIONS

(TO BE IMPLEMENTED FROM ACADEMIC YEAR 2024-25 ONWARDS)

INDEX

1. PREAMBLE:

The need for Education in the field of Dress Making and Fashion Coordination is rising with the recent trends of the market and the aspirations of society. The demand for Fashion Designers is on the topmost priority of the 21st century. To strengthen and sustain the quality of education in the field of Higher Education and to meet the challenging demands of the Fashion World, the members of the Ad-Hoc Board for B.A. (DMFC) came to an agreement to revise the syllabus and to introduce a few papers as per UGC guidelines. This would not only enhance and promote Women's education in the professional fields but also will create competent, self- reliant, entrepreneurs which is the basic aim of Non- Conventional approach of the Government policy. Ordinance and Regulations governing the Bachelor's Degree Course in B. A. Dress Making and Fashion Coordination B.A. (DMFC).

PROGRAMME LEARNING OUTCOMES (PO)

- To Gain knowledge about different types of fibres and textiles, which helps them in understanding the working process in garment industry.
- To impart knowledge regarding different categories of dress designing considering body types.
- To create competence among the students to face challenges in domestic & export fashion market.
- To help students to become entrepreneurs & create employment among the under developed people.
- To develop understanding regarding visual language of design in study of art and fashion.
- Develop a systematic, critical approach to problem solving at all levels of design process.
- Articulate design ideas verbally, visually, and digitally.
- Demonstrate professionalism by managing time to meet deadlines with quality work and effectively collaborating in teams.

2. DURATION:

The Bachelor of Arts in Dress Making and Fashion Coordination programme shall be A FULL TIME COURSE OF 3/4 YEARS – 6/8 SEMESTERS DURATION with 22 Credits per Semester. (Total Credits = 132/176)

3. ELIGIBILITY FOR ADMISSION:

A candidate for being eligible for admission to the first-year degree in B. A. Dress Making and Fashion Coordination must have passed the Higher Secondary Examination (10+2) of Maharashtra State Board or (10+2) Diploma Fashion Design Government (D.D.G.M) M.S.B.T.E./ I.T.I/M.C.V.C./Textile / Handloom Department of Technical Education any Examination of any Statutory University with Science, Arts, Commerce or Vocational streams or MCVC Students can get admission only by submitting the government equivalence certificate.

- Students coming from Examination Board other than the HSC Examination Board Maharashtra should obtain an 'Eligibility certificate' from the Registrar, Shivaji University for being considered for admission for Ist year.

4. MEDIUM OF INSTRUCTION:

The medium of instruction shall be in English.

5. EXAMINATION PATTERN:

The pattern of examination will be Semester End Examination with Internal Assessment/Evaluation. **NOTE: Separate passing is mandatory for both, Semester End Examination and Internal Evaluation/Assessment. (Annexur-I)**

6. STRUCTURE OF PROGRAMME:
(Credit Distribution Structure for with Multiple Entry and Exit Options B.A.- I in ----------)

COURSE CATEGORY	ABBREVIATION (Only 2 Letters)	DESCRIPTION
MAJOR	Mandatory (MM)	Major – Mandatory Course
	Elective (ME)	Major – Elective Course
MINOR	Minor (MN)	Minor - Course
IDC/MDC/ GEC/OE	IDC (ID)	Interdisciplinary Course
	MDC (MD)	Multi Disciplinary Course
	GEC (GE)	General Elective Course
	OE (OE)	Open Elective Course (Generic Course not from Major or Minor Category)
VSC/SEC	VSC (VS)	Vocational Skill Course
	SEC (SE)	Skill Enhancement Course
AEC/VAC/IKS	AEC (AE)	Ability Enhancement Course
	VAC (VA)	Value Added Course
	IKS (IK)	Indian Knowledge System
OJT/FP/CEP/CC/RP	OJT (OJ)	On Job Training
	FP (FP)	Field Project
	CEP (CE)	Community Engagement Project
	CC (CC)	Co-curricular Course
	RP (RP)	Research Project

Note:(Annexur-II)

A) First Year Bachelor of Arts (B.A. - I) (UG CERTIFICATE) :

YEAR:	**B.A. - I**
SEMESTER:	**I and II**
LEVEL:	**4.5**
TOTAL CREDITS	**22 + 22 = 44**
DEGREE AWARDED:	**UG CERTIFICATE (AFTER 44 CREDITS IN TOTAL)**

A - I) B.A. – I : SEMESTER - I (TOTAL CREDITS - 22): *(Note: Put '—' wherever 'Not Applicable'*

COURSE CATEGORY		COURSE NAME	COURSE CODE	CREDITS			WORKLOAD		
DSC I	(Course I)	**(Textile & Apparel Designing)**	BA U0325 DSC I L/P 2 1168 A01	Th	Pr	T	Th	Pr	T
				2	2	**4**	**2**	**4**	**6**
DSC I	(Course II)	**(Introduction To Textile Science)**	BA U0325 DSC I L/P 2 1168 A02	2	2	**4**	**2**	**4**	**6**
DSC I	(Course III)	**Pattern Drafting &Garment Construction**	BA U0325 DSC I L/P 2 1168 A03	2	2	**4**	**2**	**4**	**6**
OE	**OE**	**Food Subject**	BA U0325 OE L 2 1168 A04	1	1	**2**	**1**	**2**	**3**
VSC/SEC	**SEC - I**	**(Needle Craft)**	BA U0325 SEC-I P 2 1168 A05	-	2	**2**	**-**	**4**	**4**
AEC/VEC / IKS	**AEC**	**English - I(Communication Skills)**	BA U0325 AEC-ENG-1 L 2 1168 A06	2	-	**2**	**2**	**-**	**2**
	IKS(Generic)	**Indian History of Fashion**	BA U0325 IKS L 2 1168 A07	2	-	**2**	**2**	**-**	**2**
OJT/FP/ CEP/CC /RP	**CC**	**NSS**	BA U0325 CC P 2 1168 A08	2	-	**2**	**2**	**-**	**2**
CREDITS FOR B.A. - I, SEM - II:					**22**				
CREDITS FOR B. A. - I, SEM – I AND II:				**22 + 22 = 44**					

A -2) B.A. – I : SEMESTER - II (TOTAL CREDITS - 22): *(Note: Put '—' wherever 'Not Applicable')*

COURSE CATEGORY		COURSE NAME	COURSE CODE	CREDITS			WORKLOAD		
DSC II	(Course I)	**(Textile & Apparel Designing)**	BA U0325 DSC I L/P 2 1168 B09	Th	Pr	T	Th	Pr	T
				2	2	**4**	**2**	**4**	**6**
DSC II	(Course II)	**(Introduction To Textile Science)**	BA U0325 DSC I L/P 2 1168 B10	2	2	**4**	**2**	**4**	**6**
DSC II	(Course III)	**Pattern Drafting &Garment Construction**	BA U0325 DSC I L/P 2 1168 B11	2	2	**4**	**2**	**4**	**6**
IDC/MDC / GEC/OE	OE	**FOOD SUBJECT**	BA U0325 OE L 2 1168 B12	1	1	**2**	**1**	**2**	**2**
VSC/SEC	SEC - II	**Needle Craft**	BA U0325 SEC-II P 2 1168 B13	-	2	**2**	**-**	**4**	**4**
AEC/VE C/IKS	AEC	**English-II (Communication Skills)**	BA U0325 AEC-ENG-II L 2 1168 B14	2	-	**2**	**2**	**-**	**2**
	VEC	**DEC**	BA U0325 VEC-DEC L 2 1168 B15	2	-	**2**	**2**	**-**	**2**
OJT/FP/C EP/CC/RP	CEP		BA U0325 CEP P 2 1168 B16	-	2	**2**	**-**	**2**	**2**
CREDITS FOR B.A. - I, SEM - II:					**22**				
CREDITS FOR B. A. - I, SEM – I AND II:				**22 + 22 = 44**					

FOR EXIT OPTION AT B.A. - I:

If student wants to 'EXIT' after completion of B.A. I (SEM I and II), she must acquire 04 credits through SUMMER INTERNSHIP of 4 weeks (120 hours) and submit the report. After verification by concerned authority he/she will be awarded the UG CERTIFICATE. This Certificate is a pre-requisite for admission or 'ENTRY' in Second Year B. A. degree course.

The Nature of SUMMER INTERNSHIP:

Internship in Embroidery Unit

Internship in Spinning & Weaving Industry

Internship in Boutique

8. COURSE CODE TABLE:

Note 1: Add 'rows' wherever necessary and kindly apply proper course codes. The 'Paper Numbers' are considered as 'Course Numbers' in New Scheme.

Note 2: See the instructions below to prepare the Course Codes in NEP

** *Important instructions for preparation of Course Codes:*

1. Read the following Two Tables carefully.

*2. **Every course code is generated by using all 8 columns in sequential order**.*

3. See the example given below the following table.

BA Course Code Template							
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Program Code	**Institute Code**	**Course Category**	**Nature Of Course Code**	**Level of Course Code**	**Sr. No. of Course Code**	**Semester**	**Courses Number**
BA	U0325	Mandatory (MM) Elective (ME) Minor (MN) IDC/MDC/GEC/OE VSC/SEC AEC/VAC/IKS OJT/FP/CEP/CC/RP	L/P/T	B.A. I: 2 B.A. II: 3 B.A. III: 4 B.A. IV: 5	Example: English: 03	A/B/C/D/ E/F/G/H	01/02/03/…
Description with Example is given below							
It is UG Program. Therefore, written as BA	Shivaji University, Kolhapur Code **(Common for all)**	Pl. see **Abbreviations at the beginning of the Point 8:** Category should be given in **2 Letters** For Example:	Lecture/ Practical/ Tutorial	**Common For** B.A. I (Sem I & II) : **2** B.A. II (Sem III & IV) : **3** B.A. III (SEM V & VI) : **4**	**Code should be given in 2 digits** (Pl. See the **Course Code List below**)	SEM I – A SEM II- B SEM III – C SEM IV- D SEM V – E SEM VI- F SEM VII- G	Course means Paper Number **All course numbers are to be given in DOUBLE digits).** **Don't assign number for courses**

		IKS is IK SEC is SE OJT is OJ		B.A. IV (SEM VII & VIII) : **5**		SEM VIII-H	**where NOT mentioned. (See Structure in int 8 for All Semesters)**

Course Code List

Course Code	Name of the Course	Course Code	Name of the Course
01	Marathi	17	Philosophy
02	Hindi	18	Psychology
03	English	19	Social Work
04	Sanskrit (Lower)	20	AHIC
05	Sanskrit (Higher	21	Linguistics
06	Ardhmagadhi	22	Geography
07	Persian	23	Home Science
08	Urdu	24	Statistics
09	Kannada	25	Education
10	Military Science	26	Physical Education
11	NSS	27	Journalism
12	Music	28	Russion
13	History	29	P.G. Diploma in I.R.S.S.
14	Sociology	30	Bhasha Proudyogiki
15	Economics	31	Defence Study (Entire)
16	Political Science	32	Master of Rural Studies

Example:

BA I SEM I   **Marathi: (Course Code: 01)**

Table Rows:	1	2	3	4	5	6	7	8
Major Mandatory:	BA	U0325	MM	L	2	01	A	01

Thus,

Course Code for Major Mandatory Course 1 is: BAU0325MML201A01

Course Code for IKS Course is: BAU0325IKL201A (No Course Number)

BA II SEM III Economics: (Course Code: 15)

Table Rows:	1	2	3	4	5	6	7	8
Major Mandatory:	BA	U0325	MM	L	3	15	C	04

Thus,

Course Code for Major Mandatory Course 4 is: BAU0325MML315C04 Course Code for
Skill Enhancement Course 3 is: BAU0325SEL315C03

BA III SEM VI Sociology: (Course Code: 14)

Table Rows: 1   2   3   4   5   6   7   8

Major Mandatory: BA   U0325   MM   L   4   14   F   12

Thus,

Course Code for Major Mandatory Course 21 is: BAU0325MML414F12

Course Code for On Job Training Course is: BAU0325OJP414F (No Course Number and instead of L we use P (Practical))

9. EQUIVALENCE OF THE PAPERS AND COURSES:

Important Note: Under NEP, Equivalence will be given on the basis of Credits acquired at each Year and Not on the basis of Course/Subject. For Example, if student acquires 44 credits or Minimum required Credits prescribed in First Year of B.A., he or she will be eligible for B.A. II and can take admission for any course irrespective of his/her courses (Major or Minor) at B.A. I.

Equivalence: B. A. I Sem- I and II

(Note: Add 'rows' as per course requirement and kindly apply proper course codes. The 'Papers' are considered as 'Course' in New Scheme.)

Sem No.	Paper Code	Title of Old Paper	Credit	Sem No.	Course Code	Title of New Course	Credit
I	DSCDFC-A4	**Textile &Apparel Designing**	4	I	BA U0325 DSC L/P 2 1168 A01	**Textile &Apparel Designing**	4
I	DSCDFC-A1	**Introduction To Textile Science**	4	I	BA U0325 DSC L/P 2 1168 A02	**Introduction To Textile Science**	4
I	DSCDFC-A2		2	I	BA U0325 VSC-I L/P 2 1168 A03	**Pattern Drafting & Garment Construction**	2
I	DSCDFC-A3	**Pattern Drafting & Garment Construction**	2	I	BA U0325 OE L 2 1168 A04	**Fruit juice and Squash Processing**	4
I	CEGDFC-A5	**Needle Craft**	2	I	BA U0325 SEC-I P 2 1168 A05	**Needle Craft**	2
I	AECC-A	**Communication Skills for Self-employed**	2	I	BA U0325 AEC L 2 1168 A06	**Communication Skills for Self-employed**	2
I			2	I	BA U0325 IKS L 2 1168 A07	**History of Fashion**	2

I				I	BA U0325 CC P 2 1168 A08	**NSS**	2
II	DSCDFC-B4	**Textile &Apparel Designing**	4	II	BA U0325 DSC-II L/P2 1168 B09	**Textile &Apparel Designing**	4
II	DSCDFC-B1	**Introduction To Textile Science**	4	II	BA U0325 DSC-II L/P 2 1168 B10	**Introduction To Textile Science**	4
II	DSCDFC-B3		2	II	BA U0325 VSC-II L/P 2 1168 B11	**Pattern Drafting & Garment Construction**	2
II	DSCDFC-B2	**Pattern Drafting & Garment Construction**	4	II	BA U0325 OE P 2 1168 B12	Food Preservation Techniques	4
II	CEGDFC-B5	**Needle Craft**	2	II	BA U0325 SEC-II P 2 1168 B13	**Needle Craft**	2
II	AECC-B	**Communication Skills for Self-employed**	2	II	BA U0325 AEC L 2 1168 B14	**Communication Skills for Self-employed**	2
II				II	BA U0325 VEC P 2 1168 B15	Democracy & Self Governance	2
II				II	BA U0325 CEP P 2 1168 B16		2

10. Determination of CGPA, Grading and declaration of results:

Shivaji University has adopted 10 point Grading System as follows:

⊙ **In each semester, marks obtained in each course (Paper) are converted to grade points:** ○ If the total marks of course are 100 and passing criteria is 40%, then use the following Table 1 for the conversion.
  ○ If total marks of any of the course are different than 100 (e.g. 50) and passing criterion is 40%, then marks obtained are converted to marks out of 100 as below:

$$Marks\ out\ of\ 100 = \frac{Marks\ obtained\ by\ student\ in\ that\ course}{Total\ marks\ of\ that\ course} \times 100$$

and then grade points are computed using Marks out of 100 as per Table 1.

Table 1: Conversion of Marks out of 100 to grade point

Sr. No.	Marks Range out of 100	Grade point	Letter grade
1	80-100	10	O: Outstanding
2	70-79	9	A+: Excellent
3	60-69	8	A: Very Good
4	55-59	7	B+: Good
5	50-54	6	B: Above Average
6	45-49	5	C: Average
7	40-44	4	P: Pass
8	0-39	0	F: Fail
9	Absent	0	Ab: Absent

Table 2 : Conversion of Marks out of 50 to grade point (Passing: 20)

Sr. No.	Marks Range out of 50	Grade point	Letter grade
1	40-50	10	O: Outstanding
2	35-39	9	A+: Excellent
3	30-34	8	A: Very Good
4	28-29	7	B+: Good
5	25-27	6	B: Above Average
6	23-24	5	C: Average
7	20-22	4	P: Pass
8	0-19	0	F: Fail
9	Absent	0	Ab: Absent

⊙ **Computation of Semester Grade Point Average (SGPA) :**
Based on the grade points earned in each course in each semester, *Semester Grade Point Average (SGPA)* is computed as follows:

The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student in that semester and the sum of the number of credits of all the courses undergone by a student in that semester. The SGPA of the ith semester is denoted by S_i. The formula is given by

$$SGPA \ of \ semester \ i = S_i = \frac{\sum_{kj=1} c_j \times G_j}{\sum_{j=1}^{k} c_j}$$

where c_j is the number of credit of jth course , G_j is the grade points earned in the jth course and k be the number of courses in i^{th} semester.

○ **Computation of Semester Grade Point Average (SGPA) :**

Based on the SGPA of each semester, Cumulative Grade Point Average (CGPA) is computed as follows:

The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programmed,

$$CGPA = \frac{\sum mi=1 \; C_i \times S_i}{C_i}$$

Where C_i is the total number of credits in i^{th} semester, S_i is the SGPA of ith semester and m is the number of semesters in the programme.

○ **Based on CGPA, final letter grade is assigned as below :**

Table 3: Final Cumulative Grade Point Average (CGPA) and Final Grade for course

Sr. No.	CGPA Range	Grade	Grade Descriptions
1	9.50-10.00	O	Outstanding
2	8.86-9.49	A+	Excellent
3	7.86-8.85	A	Very Good
4	6.86-7.85	B+	Good
5	5.86-6.85	B	Above Average
6	4.86-5.85	C	Average
7	4.00-4.85	P	Pass
8	0.00-3.99	F	Fail
9	Nil	AB	Absent

Remarks :

1. B+ is equivalent to 55% marks and B is equivalent to 50 % marks. The final later grade is based on the grade points in each course of entire programme and not on marks obtained each course of entire programme.
2. The SGPA and CGPA shall be round off to two decimal points.

11. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

A) FOR TWO CREDITS: Total Marks: 40 (Written)

Q. 1: Multiple choice questions (Ten) (01 marks each)   **10 Marks**

The patterns are given below:

Pattern 1: Plain question with 4 alternatives.   **(6 MCQs for 6 Marks)**

Pattern 2: fill in the blanks with four alternatives   **(4 MCQs for 4 Marks)**

Q. 2: Short Answer Question (Any One out of Two) (Answer Limit: 300-400 Words)   **10 Marks**

Q. 3: Long Answer Questions (Any One out of Two) (Answer Limit: 600-800 Words)   **20 Marks**

B) FOR TWO CREDITS: Total Marks: 40 (Written)

*** Important Note: The Questions of Minimum 10 Marks should be asked on each Module. The Maximum marks per Module should not exceed 16 Marks.**

Question No. 1: Multiple choice questions (05 MCQs) (02 marks each)   **10 Marks**

**** Few patterns are given below as examples. You may use them or add your own.**

Pattern 1: Plain question with 4 alternatives.

Pattern 2: Match the following with four alternatives
  Group 1   Group 2

  1.   a)

  2.   b)

  3.   c)

  4.   d)

  A) 1-a, 2-b, 3-c, 4-d B) 1-b, 2-a, 3-c, 4-d   C) 1-c, 2-b, 3-a, 4-d   D) 1-d, 2-b, 3-c, 4-a

  Pattern 3: Give Two Statements

  1.   2.
Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/Correct and Statement 2 is False/Incorrect

B) Statement 2 is True/Correct and Statement 1 is False/Incorrect

C) Both Statements are True/Correct   D) Both Statements are False/Incorrect

Question No. 2: Short Notes (Any Four out of Six) (Answer Limit: 150-200 Words)   **20 Marks**

Question No. 3: Long Question (Any One out of Two) (Answer Limit: 300-400 Words)   **10 Marks**

12: SYLLABUS

A) TEMPLATE FOR THEORY AND PRACTICAL PAPERS:

B. A. I, SEMESTER – I

Course Category: DSC I

Course Name: Textile and Apparel Designing

Course Number: 01

Course Code: BA U0325 DSC I L/P 2 1168 A 01

Course Credits: 4

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

　　　For 2 Credits: Practical Exam:35 External Viva-Voce: 15 Total Marks: 50 (Practical)

Course outcome: To enable students to:

1. To develop understanding and basic skills of drawing and coloring along with introduction to various art media.
2. To introduce students to various elements required to create a design.
3. To equip students with knowledge required for application of elements of design in context of fashion.
4. To develop understanding regarding visual language of design in study of art and fashion.
5. Students will get basic insight of psychological aspects of clothing and fashion.
6. Students will develop understanding regarding the fashion movement and consumer behavior.
7. Students will be able to develop and understanding of International and National Fashion brands.

Theory– Module 1 & 2 = 1 Credits Module 3 & 4= 1 Credits

Module 1:-

　　　1.1 Types & Uses of Various Medias & Application Pencils, Colour Pencils, Oil Pastels, Water Colours, Poster Colours, Acrylic Colours, Markers, Collage, Fabric Colours.

Module2:-

　　　2.1 Basic Sketching Techniques Sketching from life, perspective & its uses.
　　　2.2 Grid technique of rendering.

Module3:-

　　　1.1 Study of Anatomy Bone structure, Muscular Structure, Body Proportions of Male, Female & Children.
　　　1.2 Study of face, Torso, legs, & arms.

Module4:-

　　　1.1 Elements of Design- Point, Line,Form, Shape, Space, Size, Texture, Colour.

Practical - 1

Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Application of Art Media –
Line sketching, painting Techniques, Object Drawing, Simple rendering of Using
Pencil & Colour Pencil, Fabric draped at a distance, Wet media etc.
Practical -2

Basic Sketching Technique.
Sketching from life, perspective & its uses.
Grid technique of rendering.

Practical -3

Fashion illustration – Block fashion figure of 8 head, 10 head & 12 head & stylized
figure for fashion presentation.

Practical -4

Elements of designs – Application of design elements in textile design. Point, line,
shape, form, space, texture & colour.

References:

- Kaustavlahiri, Fashion Design: Ato Z Guide To Illustrations, SUMSAC INTERNATIONAL.
- Donna Fuji's With Judith Walther Von Alten, Color With Style , CALVIN J. ABE.
- Patrick John Ireland, Fashion Design Illustration Children, B.T.BATSFORD.LTD.LONDON
- Vaibhav K. Dhange, Essentials of Fashion Design, KALLINATHS Dhange.
- Abling ,Bina,Fashion Sketchbook.
- MaiteLafuente, Essentials Of Fashion Illustration, PAGE ONE Publishing Private Limited
- Helen L. B. 'The Theory of Fashion Design'
- Nimes I. B. (1976), 'Fashion and Clothing Technology', Holton Education Pub.
- Michel B. B., 'Fashion the Mirror of History', New York,
- Carso B., 'How to Look and Dress', McGraw Hill Book Co.
- Tathan C and Seaman J. 'Fashion Design Drawing Course', thames and Hudson
- Prakash, K. 'The Indian Fashion Designs', Mumbai, English Edition Publishers
- Distributors (India) Pvt. Ltd.
- Tote S. L. (1977), 'Principles of Creating Clothing', New York, Martha A. Golding
- Johnwiley and Sons and Judy Starm
Weblinks:

https://www.invisionapp.com/inside-design/understanding-color-theory-the-color-wheel-and-finding-complementary-colors/

https://www.pinterest.com/pin/709105903808842224/

B. A. I, SEMESTER – I

Course Category: DSC I

Course Name: Introduction to Textile Science

Course Number: 02

Course Code: BA U0325 DSC I L/P 2 1168 A 02

Course Credits: 4

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

   For 2 Credits: Practical Exam:35 External Viva-Voce: 15 Total Marks: 50 (Practical)

Course outcome: After Completion of the course students will be able to:

1. Gain Knowledge about different types of fibers and their properties.
2. To know the various uses of fibers.
3. It helps them to identify the various types of fabrics and their properties.
4. Helps to select or choose the suitable fabric for a given purpose e.g. choosing good quality fabrics suitable for bed sheets, curtains, dresses etc.

Theory– Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Module 1:-Fundamentals of Textile science

   1.1 Scope and Importance of studying Textiles.
   1.2 Basic Terminologies in Textile science.
   1.3 Classification of Fibers Natural and Manmade fibers.
   1.4 General Properties of fibers.

Module 2:- Natural Fibers

   2.1 Cellulosic fibers, Cotton Fiber - Introduction, Cultivation, Manufacturing process, Byproducts, Properties and Uses.
   2.2 Cellulosic fibers, Linen Fiber - Introduction, Cultivation, Manufacturing process, Properties and Uses.
   2.3 Protein Fibers, Wool Fiber – Introduction, Types of wool, Classification of wool, Manufacturing process, Properties and uses.
   2.4 Protein Fibers, Silk Fiber – Introduction, Silk cultivation, Types of silk, manufacturing process, Properties and uses.
   2.5 Minor Natural cellulosic and protein fibers.

Module 3:- Manmade Fibers

   2.1 Regenerated Cellulosic fiber: Viscose rayon/ Acetate- Introduction, Manufacturing process, Properties and Uses.
   2.2 Synthetic Fibers: Nylon/ Polyester- Introduction, Manufacturing process,   Properties and Uses.
   2.3 Synthetic Fibers: Acrylic/ Mod acrylic - Introduction, Manufacturing process,   Properties and Uses.
   2.4 Non fibrous fibers: Olefin Glass/ Spandex (Lycra) - Introduction, Manufacturing process,   Properties and Uses.

Module 4:- Yarn Formation

   4.1 Yarn Manufacturing Process:
   4.2 Types of Spinning Methods:
   4.3 Classification of Yarns: Simple yarns, Complex yarns and Blended yarns. Types and Uses.
   4.4 Sewing Threads: Properties and types.
   4.5 Fancy yarns: Types and uses.

Practical

Practical – 1 Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Identification of Fibers.

1. Using Feeling test

2. Microscopic Appearance

3. Burning Test

Practical -2

Visual Identification of Yarns.

2. Spun Yarn / Filament Yarn

3. Cords / Cable Yarn

4. Fancy Yarn

Practical -3

1. Visit to Spinning Unit

Practical -4

1. Market Survey – Collection of different types of Fibers & Yarns.

References –

- Ankita Tyagi, Handbook of fashion and textile design, SONALI PUBLICATIONS, New Delhi.
- S. Naik , Textile Design, S.B.Nangia , APH PUBLISHING CORPORATION
- Simon Clarke, Textile Design, LAUREN KING,2011
- Corbman B.P. ,Textile Fiber To Fabric, second edition, THE GREGG MC GRAW- HILL Marketing series
- Allen Cohen and Johnson Ingrid, J.J. Pizzuto's, Fabric Science ,Ninth Edition, FAIRCHILD Books, NEW YORK
- Navneet Kaur, Vikas Gupta, COMDEX Fashion Design, Vol II , Dreamtech press,2010
- P.V. Vidyasagar, Handbook of Textiles, MITTAL PUBLICATIONS, First edition ,1998
- K. Thomas, Know About Fabric And Their Manufacture, ABHISHEK PUBLICATION.
- Ajay Jindal and Rakesh Jindal, Textile Raw materials, ABHISHEK PUBLICATION.
- N.S. Kalplan , A Practical Guide To Fiber Science, ABHISHEK PUBLICATION.

Weblinks

https://www.coats.com/en/information-hub/Know-About-Textile-Fibres

https://en.wikipedia.org/wiki/Textile_manufacturing

B. A. I, SEMESTER – I

Course Category: DSC - I

Course Name: Pattern Drafting and Garment Construction

Course Number: 03

Course Code: BA U0325 VSC-I L/P 2 1168 A 03

Course Credits: 4

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

For 2 Credits: Practical Exam:35 External Viva-Voce: 15 Total Marks: 50 (Practical)

Course Outcome: To enable students to:

1. Learn methods of taking body measurement and precautions while taking measurements
2. Drafting basic bodice block of metric and darted block
3. To introduce different types of paper patterns now a days followed in different fashion markets
4. To learn Fabric defects before layout to avoid the fabric wastage and proper fit
5. To impart knowledge regarding essential technologies for proper fitting and stitching

Theory– Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit
Sewing Machine

Module-1

1. Different Kinds of machines (Full Shuttle, Half Shuttle)- Functions, Uses
2. Types of body measurements. - Vatical, Horizontal, Circumference
3. Care & precautions while taking body measurements.
4.

Module-2

1. Drafting of Basic Bodice Block

2. Basic measurements required for drafting of basic bodice block.

3. Metric pattern drafting

4. Block pattern drafting with darts.

Module-3

1. Methods of drafting- Definition, uses and tools.

2. Methods of flat pattern making & draping - Definition, uses and tools.

Module-4

Grain line- its symbol & different types of grain lines- straight, cross & bias with their uses in different types of garments.

Practical –Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Practical -1

-Introduction to parts of sewing machine.

Practical of stitching on paper and fabric –straight, curve, zigzag, square, circle.

-SewingMachine

5. Different Kinds (Full Shuttle, Half Shuttle)

6. Functions
7. Uses
8. Practice on paper
9. Stitching on Fabric (straight, curve, cones, circular)

Practical-2

-Construction of different types of yokes.

$1/4^{th}$ scale drafting, full scale drafting, paper cutting, cloth cutting and construction of the samples.

- **Basic Hand Stitches**

1. Permanent Basting
2. Temporary Basting

Practical- 3

Construction of different types of sleeves.

- $1/4^{th}$ scale drafting, full scale drafting, paper cutting, cloth cutting and construction of the samples.
- **Seams & Seam Finishes**

Practical-4

-Construction of different types of collars.

$1/4^{th}$ scale drafting, full scale drafting, paper cutting, cloth cutting and construction of the samples.

- **Types of Fullness**

1. Tucks
2. Pleats

3. Gathers

4. Darts

References:

1) Jennifer Lynne Matthews-FairBanks, Pattern Design Fundamentals,Fair bank PublishingLLC,2018
2) Martin Shoben,MA,BED ,FCFI and Janet Ward,FCFIPattern Cutting And Making Up,CBS publishers and distributors(P)Ltd,1987
3) Padmavati B,Techniques Of Drafting And Pattern Making Garments For Kids And Adoleocents,Atlantic Publishers and Distributors Pvt Ltd,2009
4) Helen Joseph Armstrong, Pattern Making for Fashion Design, 5th Edition, Person education2009
5) Anita Tyagi ,Garment Construction, Sonali Publications
6) Pamela C. Stringer,Pattern Drafting for Dressmaking, Originally published,1992
7) Lyric The harmony guide to Dress Making,LyricBookS Limited,1991
8) Natalie Bray,Dressfittings,sSecondedition,Blackwell Publishing

Journals:

1) International Journal of Family and Home Science
2) Asian Journal of Home Science, An international Referred research Journal
3) Sage Journals,Textile Research Journal
4) Open world Robust Pattern recognition,Pattern Recognition
5) International Journal of Textile and Fashion Technology,Trans Stellar

Weblinks:

https://www.clothingpatterns101.com/pattern-drafting.html
https://silverbobbin.com/pattern-drafting/

https://www.textileschool.com/310/types-of-pattern-making-in-garment-manufacturing/
https://www.thecreativecurator.com/how-to-make-patterns/
https://www.clothingpatterns101.com/pattern-drafting.html
https://www.thecuttingclass.com/pattern-notches-alexander-wang/
https://www.thecuttingclass.com/grainlines/
https://www.textileadvisor.com/2018/12/bowing-in-fabric-weaving-defect-fabric.html

B. A. I, SEMESTER – I

Course Category: OE-1

Course Name: Fruit juice and Squash Processing

Course Number: 04

Course Code: BA U0325 OE L 2 1168 A 04

Course Credits: 2

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

Course outcome: To enable students to: Upon successful completion of this course, the student will able

1. Understand the concept to make squash and juice
2. Understand the method of pack, label and store juice and squash.
3. Understand the process of documentation and record keeping.

Unit I: **15 lectures**

- Introduction to Food Processing
- Introduction to Fruit and Vegetable Processing
- Introduction to Squash and Juice
- Raw Material: Selection and Handling
- Equipment Used for pulping of fruits
- Process to extract fruit juice
- Pasteurize and clarify the extracted juice

Unit II: **15 lectures**

- Production process of Squash
- Filling, packing storage juice and squash
- Post production cleaning and maintenance Sanitation and Hygiene
- Documentation and Record Keeping.

Reference books

1. R.P. Shrivastav, Fruit & Vegetable Preservation: Principles and Practices,CBS publisher and distributors pvt ltd

2. Website- https://www.ficsi.in/

3. Juice processing, Quality Safety and Value added opportunities, and Victor Falgurera and Albert Ibraz

4. Fruit juice processing technology, Steven Nagy, Chin Shu Chen, Philip E. SHAW

5. Handbook of fruit and fruit processing, Y.H. Hui, Jozsef Barta, M. Pillar Cano

B. A. I, SEMESTER – I

Course Category: SEC - I

Course Name: Needle Craft

Course Number: 05

Course Code: BA U0325 SEC-I P 2 1168 A 05

Course Credits: 2

Marks: For 2 Credits: Practical Exam:35 External Viva-Voce: 15 Total Marks: 50 (Practical)

Course Outcome: To enable students to:

1. Learn methods of surface ornamentation of fabric.
2. Impart knowledge on various embroidery stitches.
3. Gain opportunity for skill development in needle work.
4. To learn the fundamental techniques of hand embroidery today.
5. To impart knowledge regarding variety of colours and threads that can be incorporated into embroidery.

Practical-

Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Practical 1 :-

Introduction to needle craft, tools & materials used in needle craft.

Practical 2 :-

Embroidery – Methods & Implementation of basic Embroidery stitches.
Straight Stitch – Running Stitch, Back Stitch, Stem Stitch, Cross Stitch, Satin Stitch, Fly Stitch.

Practical 3 :-

Embroidery – Methods & Implementation of basic
Embroidery Stitches Knotted Stitch – French Knot,
Bullion Knot, Coral Knot.

Practical 4 :-

Method & Implementation of Basic Embroidery – Patch work & Quilting.

References:

1. "Readers Digest Complete Guide to Sewing", (1993), Pleasant Ville – NU Gail L, Search Press Ltd.
2. Barbara S. (1972), "Creative Art Embroidery", London, Numbly Pub. Group Ltd.
3. Shalala N. "Traditional Embroideries of India", Mumbai, APH Publishing

Weblinks:

https://pumora.com/basic-hand-embroidery-stitches/
https://www.thesprucecrafts.com/stitches-every-embroiderer-should-know-4122123

B. A. I, SEMESTER – I

Course Category: AEC – ENG-1

Course Name: English (Communication Skills)

Course Number: 06

Course Code: BA U0325 AEC-ENG-1 L 2 1168 A 06

Course Credits: 2

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

Course Outcomes:

1. Learner will train and prepare to seek and find employment in the corporate.

2. Learners will acquire proficiency in the skills of listening, speaking, reading and writing that will help them to meet the challenges of the world.

3. The learners will develop good oral and written skills of communication.

4. Learner will understand the role of communication in personal & professional success.

5. Learner will acquire the knowledge about basic communication to enable the students to think, observe and express effectively in this competitive world.

6. Learner will understand the concept of personality, traits required for and personality development and its significance.

Theory- Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

References :

1.C.S Rayudu: Business Communication, Himalaya Publishing House

3. Varinder Kumar & Bodh Raj: Business Communication, Kalyani Publishers
4. Rajinder Pal & J.S Korlakalli: Essentials of Business Communication, Sultan Chand and Sons
6. Bovee and Thill: Business Communication, Pearson Education
7. Media K: Principles of Effective Oral Communication.
Business Communication Today, Pearson Publication
8. C.S.Rayudu: Communication, Himalaya Publishing House
9. M.V. Rodriques-651.75ROD-Effective Business Communication.
10.   Sanjay Kumar Pushpalata, Oxford Higher Education: Communication Skills
11. Priyank's, Chandresh Agrawal: GD and Interview

Webliks:

https://wps.prenhall.com/ca_ab_beebe_intercomm_4/48/12317/3153386.cw/content/index.html
https://www.skillsyouneed.com/ips/communication-skills.html

https://in.indeed.com/career-advice/resumes-cover-letters/communication-skills
https://www.britannica.com/topic/personality
https://resources.workable.com/hr-terms/what-are-soft-skills
https://novoresume.com/career-blog/soft-skills

Course Category: IKS (Generic)

Course Name: History of Fashion

Course Number: 07

Course Code: BA U0325 IKS L 2 1168 A 07

Course Credits: 2

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

Theory- Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Module 1:-

- Indus Valley Civilisation

- Vedic Period

Module 2:-

Rig Ved

Atharva Ved

Module 3 :-

Pre-Mauryan Era

Mauryan Period

Gupta Period

Module 4 :

Moghul Empire

Rajput

British Colonial Period

References :-

1]   Indian Costumes A. Biswas

2]   Encyclopedia of Worlds Costumes.

3]   Brij Bhushan ,J,(1958) 'Costumes and Textiles of India', D.B.Taraporewala Sons & Company.

4]   Flynn. (1971) 'Costumes of India', New Delhi, IBM Publishing Co.

5]   Lester, K.T. (1961) 'Historic Costumes', Illinois, Chas and A.Bennet and Co.

Course Category: CC

Course Name: NSS

Course Number: 08

Course Code: BA U0325 CC P 2 1168 A 08

Course Credits: 2

Marks: For 2 Credits:

B. A. I, SEMESTER – II

Course Category: DSC II

Course Name: Textile and Apparel Designing

Course Number: 09

Course Code: BA U0325 DSC L/P 2 1168 B O9

Course Credits: 4

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

       For 2 Credits: Practical Exam:35 External Viva-Voce: 15 Total Marks: 50 (Practical)

Course outcome: To enable students to:

1. To develop understanding and basic skills of drawing and coloring along with introduction to various art media.
2. To introduce students to various elements required to create a design.
3. To equip students with knowledge required for application of elements of design in context of fashion.
4. To develop understanding regarding visual language of design in study of art and fashion.
5. Students will get basic insight of psychological aspects of clothing and fashion.
6. Students will develop understanding regarding the fashion movement and consumer behavior.
7. Students will be able to develop and understanding of International and National Fashion brands.

Theory– Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Module 1: Principles of Design:

    1.1 Harmony, Proportion, Balance, Rhythm. Emphasis

Module 2 : Introduction to Colour Theory:

    2.1 Pantone Colours
    2.2 Colour Wheel
    2.3 Colour Value Scale / Intensely/ Grey Scale
    2.4 Colour Scheme, Psychology, & Emotions
    2.5 Indian Approach to Colours

Module 3 :Fashion Illustration

    3.1 Introduction to fashion illustration
    3.2 Importance of fashion illustration
    3.3 Artist & illustrations of National & International repute

Module 4 :Introduction to fashion figure

    4.1 Fashion drawing of 8 head, 10 head, 12 head figure and its theory

Practical – Practical-1- Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Colour Schemes :

Colour Wheel, Colour Value Scale (10 value)

Grey Scale

Basic Colour Schemes – Primary, Secondary, Tertiary

Colour Schemes – Monocromatic, Achromatic, Complimentary, Split

Complementary, Analogous, Tint, Shades, Cool, & Warm Colours.

Practical-2

Drawing of Natural, Geometrical, Abstract, Stylised, Conventional Motifs using the

various colour schemes.

Practical-3

Fleshing of fashion figure

8 head, 10 head, 12 head figures

Drawing of body movements

Practical-4

Types of Repetation, Creation Different types of Texture & different types of prints.

References –

1. Helen L. B. 'The Theory of Fashion Design'

2. Nimes I. B. (1976), 'Fashion and Clothing Technology', Holton Education Pub.

3. Michel B. B., 'Fashion the Mirror of History', New York, Batter Berry Ariane. Greenwhich House

4. Carso B., 'How to Look and Dress', McGraw Hill Book Co.

5. Tathan C and Seaman J. 'Fashion Design Drawing Course', thames and Hudson

6. Prakash, K. 'The Indian Fashion Designs', Mumbai, English Edition Publishers
Distributors (India) Pvt. Ltd.
7. Tote S. L. (1977), 'Principles of Creating Clothing', New York, Martha A. Golding
Johnwiley and Sons and Judy Starm

Weblinks

https://www.invisionapp.com/inside-design/understanding-color-theory-the-color-wheel-and-finding- complementary-colors/

https://www.pinterest.com/pin/709105903808842224/

B. A. I, SEMESTER – II

Course Category: DSC II

Course Name: Introduction to Textile Science

Course Number: 10

Course Code: BA U0325 DSC L/P 2 1168 B 10

Course Credits: 4

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

For 2 Credits: Practical Exam:35 External Viva-Voce: 15 Total Marks: 50 (Practical)

Course outcome: After Completion of the course students will be able to:

1. Gain Knowledge about different types of fibers and their properties.
2. To know the various uses of fibers.
3. It helps them to identify the various types of fabrics and their properties.
4. Helps to select or choose the suitable fabric for a given purpose e.g. choosing good quality fabrics suitable for bed sheets, curtains, dresses etc.

Theory– Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Module1 :- Fundamentals of Fabric Consumption :

1.1 Different types of fabric formation
1.2 Properties & end uses.

Module2 :- Weaving :

2.1 Brief study of process – Winding, Warping, Sizing, drawing & denting
2.2 Introduction to Looms – Types & Parts
2.3 Essential Steps in Weaving
2.4 Classification of Weaves

Module3 :- Knitting :

1.1 Introduction to Knitting & Concept of Knitting
1.2 Difference between Warp & Welt knitting
1.3 Difference between Weaving & Knitting

Module4:- Other Fabric Construction :

4.1 Felts &Non Woven
4.2 Compound Fabric Construction
4.3 Decorative Fabric Construction -Braiding, Netting, Lace, Embroidery

Practical – Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Practical -1 - Identification of Weaves & graphical presentation of Basic Weaves

       i) Plain Weave, Basket, Rib
       ii) Twill Weave
       iii) Satin Weave
       iv) Decorative Weave

Practical - 2 - Market Survey

       i) Development of portfolio on Fabric collected based on types of
       fabrics with different fibre contents.
       ii) Types of Weaves
       iii) Non-woven Fabrics
       iv) Decorative fabrics – Braided, Lace Embroidery fabrics

Practical - 3 - Market Survey

       i) Collection of fabrics used in Apparels
       ii) Recent trends in Fabrics – Blended fabrics
       iii) Commercial name of the fabric & its cost per meter.

Practical - 4 - Visits

       i) Weaving Unit
       ii) Knitting Unit
       iii) Processing Unit
       iv) Garment Unit
       v)

References –

- Ankita Tyagi, Handbook of fashion and textile design, SONALI PUBLICATIONS, New Delhi.
- S. Naik , Textile Design, S.B.Nangia , APH PUBLISHING CORPORATION
- Simon Clarke, Textile Design, LAUREN KING,2011
- Corbman B.P. ,Textile Fiber To Fabric, second edition, THE GREGG MC GRAW- HILL Marketing series
- Allen Cohen and Johnson Ingrid, J.J. Pizzuto's, Fabric Science ,Ninth Edition, FAIRCHILD Books, NEW YORK
- Navneet Kaur, Vikas Gupta, COMDEX Fashion Design, Vol II , Dreamtech press,2010
- P.V. Vidyasagar, Handbook of Textiles, MITTAL PUBLICATIONS, First edition ,1998
- K. Thomas, Know About Fabric And Their Manufacture, ABHISHEK PUBLICATION.
- Ajay Jindal and Rakesh Jindal, Textile Raw materials, ABHISHEK PUBLICATION.
- N.S. Kalplan , A Practical Guide To Fiber Science, ABHISHEK PUBLICATION.

Weblinks -

https://www.coats.com/en/information-hub/Know-About-Textile-Fibres

https://en.wikipedia.org/wiki/Textile_manufacturing

B. A. I, SEMESTER – II

Course Category: VSC -II

Course Name: Pattern Drafting and Garment Construction

Course Number: 11

Course Code: BA U0325 VSC-II L/P 2 1168 B 11

Course Credits: 4

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

For 2 Credits: Practical Exam:35 External Viva-Voce: 15 Total Marks: 50 (Practical)

Theory- Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Module-1

Knowledge of standard measurements & uses. Toddlers, Teenagers, Children

Module-2

Uses of darts for proper fittings of garments.

Causes & defects of garment fitting.

Module-3

Types of figures

Module-4

Different types of folds & pattern layout on fabric.

Practical – Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Practical-1

Construction of kitchen Apron and casual baby frock.

> $1/4^{th}$ scale drafting, full scale drafting, paper cutting, cloth cutting and construction of the garments.

Practical-2

Construction of baby Layette.

> $1/4^{th}$ scale drafting, full scale drafting, paper cutting, cloth cutting and construction of the garments.

Practical-3

Construction of baby Party frock.

> $1/4^{th}$ scale drafting, full scale drafting, paper cutting, cloth cutting and construction of the garments.

Practical-4

Construction of salwar kameez.

> $1/4^{th}$ scale drafting, full scale drafting, paper cutting, cloth cutting and construction of the garments.

- Types of Fasteners
- Different types of Neckline, Facing
- Different types of Plackets
- Different types of Pockets

References:

1) Helen Joseph Armstrong, Pattern Making for Fashion Design, 5th Edition, Person education2009
2) Jennifer Lynne Matthews-FairBanks, Pattern Design Fundamentals,Fair bank PublishingLLC,2018
3) Padmavati B,Techniques Of Drafting And Pattern Making Garments For Kids And Adoleocents,Atlantic Publishers and Distributors Pvt Ltd,2009
4) Pamela C. Stringer,Pattern Drafting for Dressmaking, Originally published,1992
5) Natalie Bray,Dressfittings,sSecondedition,Blackwell Publishing
6) Lyric The harmony guide to Dress Making,LyricBookS Limited,1991
7) Anita Tyagi ,Garment Construction, Sonali Publications
8) Martin Shoben,MA,BED ,FCFI and Janet Ward,FCFIPattern Cutting And Making Up,CBS publishers and distributors(P)Ltd,1987
9) John Hopkins, 'Fashion drawing ', Basic fashion design, Edition -1 AVA Publishing SA Switzerland, 2010.
10) Gerry Cooklin, ' Master patterns and grading for women's out sizes, Pattern sizing and Technology, Edition -1, Blackwell Science Ltd. London, 1995.
11) Winifred Aldrich, Metric pattern cutting for children wear and baby wear, Edition-3, Blackwell Science Ltd. London, 1999.

12) Gloria Mortimer- Dunn, Pattern Design for children's clothes, Edition-1, B.T. Bats ford Ltd, London, 1999.

Journals:

1) Asian Journal of Home Science, An international Referred research Journal
2) Sage Journals,Textile Research Journal
3) Open world Robust Pattern recognition,Pattern Recognition
4) International Journal of Textile and Fashion Technology,Trans Stellar
5) International Journal of Family and Home Science

Weblinks:

https://knotions.com/resources/standard-measurements/childrens-body-measurements/
https://www.uniforms-eisb.sk/fotky42389/Size%20chart.pdf

https://medcraveonline.com/JTEFT/study-on-different-types-of-defects-and-their-causes-and-remedies-in-garments-industry.html

https://afittingconnection.com.au/2019/03/26/top-5-common-garment-defects/
http://ecoursesonline.iasri.res.in/mod/page/view.php?id=27335
https://style2designer.com/pattern-cutting-cad-cam/cutting-sewing-techniques/fabric-folding/
https://bellatory.com/clothing/womenfiguresshapes

B. A. I, SEMESTER – II

Course Category: OE

Course Name: Food Preservation Techniques

Course Number: 12

Course Code: BA U0325 OE L 2 1168 B 12

Course Credits: 2

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

Course outcome: To enable students to:

Unit 1- Principles of Food Preservation
Definition and scope of Food Science and Technology, the historical development of food processing and preservation, Need for Food Preservation, Food Spoilage – Definition, Types, Factors Affecting Food Spoilage, General principles of food preservation, Water Activity and its significance in food preservation, Fermentation methods for preservation, Chemical preservation of foods, Food preservation by low-temperature, Cold Storage, Chilling and super chilling, Refrigeration, Freezing, and Freeze-drying, Advantages and disadvantages of low-temperature preservation techniques.

UNIT 2: Food preservation by High temperature and Food Additives
Food preservation by high temperature, Drying, Dehydration, Osmotic Dehydration, Blanching, Cooking, Pasteurization, Sterilization, Baking, Canning and Extrusion cooking, Preservation by Food Additives, Introduction to Additives, Functions, Need and Safety, Types of food additives, Mode of Action and Application.

Reference Books:
1. Fellows, P. J. (2017). **Food Processing Technology: Principles and Practice** (4th ed.). Woodhead Publishing.
2. Rahman, M. S. (2007). **Handbook of Food Preservation** (2nd ed.). CRC Press.
3. Potter, N. N., & Hotchkiss, J. H. (1998). **Food Science** (5th ed.). Springer Science+Business Media.
4. Barbosa-Cánovas, G. V., Fontana, A. J., Schmidt, S. J., & Labuza, T. P. (2007). **Water Activity in Foods: Fundamentals and Applications**. Wiley-Blackwell.
5. Smith, J., & Hong-Shum, L. (2011). **Food Additives Handbook** (2nd ed.). Wiley-Blackwell.
6. Hall, J. E. (1987). **Food Freezing and Refrigeration**. Springer.
7. Jay, J. M., Loessner, M. J., & Golden, D. A. (2005). **Modern Food Microbiology** (7th ed.). Springer Science+Business Media.
8. Vaclavik, V. A., & Christian, E. W. (2014). **Essentials of Food Science** (4th ed.). Springer.
9. Doyle, M. P., Beuchat, L. R., & Montville, T. J. (2001). **Food Microbiology: Fundamentals and Frontiers** (2nd ed.). ASM Press.
10. Goyal, M. R., & Pandey, M. (2017). **Food Additives: Characteristics, Detection, and Estimation**. CRC Press.

B. A. I, SEMESTER – II

Course Category: SEC-II

Course Name: Needle Craft

Course Number: 13

Course Code: BA U0325 SEC-II P 2 1168 B 13

Course Credits: 2

Marks: For 2 Credits: Practical Exam:35 External Viva-Voce: 15 Total Marks: 50 (Practical)

Course Outcome: To enable students to:

6. Learn methods of surface ornamentation of fabric.
7. Impart knowledge on various embroidery stitches.
8. Gain opportunity for skill development in needle work.
9. To learn the fundamental techniques of hand embroidery today.
10. To impart knowledge regarding variety of colours and threads that can be incorporated into embroidery.

Practical- Module 1 & 2 = 1 Credit   Module 3 & 4= 1 Credit

Practical 1 :-

Embroidery
   Loop Stitches – Chain Stitch, Laisy Daisy, Herringbone Stitch , Feather Stitch.

Practical 2 :-

Implementation of Basic Embroidery Stitches on Article.

Practical 3 :-

Cross Stitch on Matty Cloth with article.

Practical 4 :-

Preparation & Decoration of Smoking with article.

References –

1. "Readers Digest Complete Guide to Sewing", (1993), Pleasant Ville – NU Gail L, Search Press Ltd.
2. Barbara S. (1972), "Creative Art Embroidery", London, Numbly Pub. Group Ltd.
3. Shalala N. "Traditional Embroideries of India", Mumbai, APH Publishing

Weblinks:

https://pumora.com/basic-hand-embroidery-stitches/
https://www.thesprucecrafts.com/stitches-every-embroiderer-should-know-4122123

B. A. I, SEMESTER – II

Course Category: AEC-ENG-II

Course Name: English(Communication Skills)

Course Number: 14

Course Code: BA U0325 AEC-ENG-II L 2 1168 B 14

Course Credits: 2

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

Course Outcomes:

1. Learner will train and prepare to seek and find employment in the corporate.
2. 2.Learners will acquire proficiency in the skills of listening, speaking, reading and writing that will help them to meet the challenges of the world.
3. The learners will develop good oral and written skills of communication.
4. Learner will understand the role of communication in personal & professional success.
5. Learner will acquire the knowledge about basic communication to enable the students to think, observe and express effectively in this competitive world.
6. Learner will understand the concept of personality, traits required for and personality development and its significance.

Theory- Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

References –

2. C.S Rayudu: Business Communication, Himalaya Publishing House
3. Varinder Kumar & Bodh Raj: Business Communication, Kalyani Publishers
4. Rajinder Pal & J.S Korlakalli: Essentials of Business Communication, Sultan
Chand and Sons
6. Bovee and Thill: Business Communication, Pearson Education
7. Media K: Principles of Effective Oral
Communication. Business Communication Today,
Pearson Publication
8. C.S.Rayudu: Communication, Himalaya Publishing House
9. M.V. Rodriques-651.75ROD-Effective Business Communication.
10.   Sanjay Kumar Pushpalata, Oxford Higher Education: Communication Skills
11. Priyank's, Chandresh Agrawal: GD and Interview

Weblinks

https://wps.prenhall.com/ca_ab_beebe_intercomm_4/48/12317/3153386.cw/content/index.ht ml

https://www.skillsyouneed.com/ips/communication-skills.html
https://in.indeed.com/career-advice/resumes-cover-letters/communication-skills   **https://www.britannica.com/topic/personality**
https://resources.workable.com/hr-terms/what-are-soft-skills
https://novoresume.com/career-blog/soft-skills

B. A. I, SEMESTER – II

Course Category: VEC-DEC

Course Name: Democracy and Good Governance

Course Number: 15

Course Code: BA U0325 VEC-DEC L 2 1168 B 15

Course Credits: 2

Marks: For 2 Credits: Semester End: 40 Internal Assessment: 10 Total Marks: 50 (Theory)

B. A. I, SEMESTER – II

Course Category: CEP

Course Name:

Course Number: 16

Course Code: BA U0325 CEP P 2 1168 B 16

Course Credits: 2

Marks: For 2 Credits:

ACTIVITIES A

ND EXERCISES SUGGESTED FOR INTERNAL ASSESSMENT:

-
-
-
-
- **Any other exercise/activity approved by concerned teacher.**

B) TEMPLATE FOR FIELD PROJECT:

Type: Field Project

Course Name: (Example: Field Project)

Course Number: (Example: FP …)

Course Code:

Course Credits: (Example: 4)

Marks: Field Project Report duly signed by Internal Supervisor :   60

    External Assessment (Viva Voce) by University appointed Internal

    and External Examiners   40

    Total Marks: **100**

If Course Credits: (Example: 2)

Marks: Field Project Report duly signed by Internal Supervisor :   30

    External Assessment (Viva Voce) by University appointed Internal

    and External Examiners   20

    Total Marks: **50**

Course Learning Outcomes: (Write at least 4 outcomes. You may add more. Use Bloom's Taxonomy)

-
-
-
-

Instructions for teachers and students while doing Field Project:

1. Selection of Field project should be related to the mandatory or elective courses in the concerned subject.

2. Field project should be FORMALLY ASSIGNED (In Written Form) by concerned teacher.

3. Field Project should be based on field work to be carried out by the student.

4. Submission of Field Project Report duly signed and certified by concerned teacher/guide is A PRE-REQUISITE FOR APPEARING TO VIVA-VOCE EXAMINATION.

5. TWO COPIES of Field Project Report in BOUND FORMAT should be submitted before Viva-Voce. One copy will be kept by department and the other will be returned to student.

Important Notes for Teachers:

1. Prepare an Appropriate Format of PERMISSION LETTER to be given to student to do the Field Project under the guidance of a concerned teacher.

2. Prepare an Appropriate Format for Writing the Field Report. **Kindly see that the First Page and Certificate Page is common for all students. In the remaining part, try to maintain uniformity.**

C) TEMPLATE FOR INTERNSHIP (ON JOB TRAINING) AND RESEARCH INTERNSHIP:

INTERNSHIP COURSE GUIDELINES IN UGC FRAMED "CURRICULUM AND CREDIT FRAMEWORK FOR UNDERGRADUATE PROGRAMMES" (CCFUP) AS PER NEW NEP 2020

HIGHLIGHTS FROM THE INDIA SKILL REPORT (ISR), 2022

- Youth employability has improved to 46.2 % in 2021 from 45.97% till 2020.
- Female employability is higher (51.44%) than males (45.97%) for 2021-22.
- Highest employability rating at about 60.62% in commerce domain.
- 88.6% of graduates are looking for internship opportunities.
- India employers like to hire employees having at least a year of working experience.
- In India, there are many platforms which offer internships e.g. Internshala, Lets Intern, Killer Launch, Hello Intern etc. (Note: Internshala launched an initiative called the "Grand Summer Internship Fair", which offers more than 23000 internship opportunities to people from all educational backgrounds)

OBJECTIVES OF INTERNSHIP:

1. Integration of workshop with workplace:

- To align and integrate Academic Workshop Training / Classroom Learning – Activity lab initiatives – Research lab finding/learnings with outcomes of the workplace (Organisation / Enterprise / Start-ups / Corporate / Farmlands / Artists in any domain / Artisans / Gig workers / Non-government organisations (NGOs) / Research & Development Organisations / Higher education institutions (HEIs) etc.

2. Understanding of the world of work:

- To provide students with an opportunity to improve their understanding of the experiences, challenges, and opportunities of the real world of work
- To help students to set their expectations and behaviour in accordance with the demands, culture, and values of current and emerging jobs.

3. Physical and Hybrid Model Learning:

- To broaden learning opportunities blended with a Mentor or Research Expert by combining physical and digital modes of learning.

4. Developing research aptitude:

- To create and facilitate conditions that allow students in their quest for knowledge, its discovery, learn-understand-sharpen research acumen
- To get familiarise with analytical tools/techniques with appropriate usage, research methodologies and data analysis
- To prepare manuscripts, identify appropriate journals
- To become aware of patent and intellectual property rights and their application in solving research/complex/real-life problems.
- To cultivate researcher's integrity and ethical behaviour

5. Exposure in emerging technologies:

- To provide exposure to emerging technologies/ automation and how it can support, facilitate, improve and reinforce work processes/culture/ job roles/art and craft, including the traditional areas of art-craft/ heritage skills, agriculture, etc.

6. Enhance entrepreneurial capabilities:

- To understand how organisations / enterprises are formed for sustainable progress
- To strengthen start-ups culture and entrepreneurial capabilities among students and encourage them to become job creators.

7. Development of decision-making and teamwork skills:

- To facilitate the development of problem-solving and decision-making skills
- To enable teamwork & collaboration culture
- To promote research for academic and professional developments.

8. Cultivate a sense of Social Imagery and Citizenship Responsibility:

- To develop a sense of social imagery (issues) and philanthropic versatility among students
- To facilitate an attitude towards citizenship responsibility.

9. Stimulate collaborative influence:

- To promote HEIs collaboration, industryacademia partnership will be developed to provide collaborative internships, apprenticeships, and research opportunities to the students in the predefined areas of importance which will lead institutions, universities, organisations, academicians, and students to collaborate on how to learn with one another.

10. Enhancing professional competency:

- The internship should not only focus on employability or research capabilities; there is also a need for professional principles, ethics, values, and integrity which will enable them to gain perspective, practice, develop as competency and perform professional tasks in the way that the employment market demands.

INTERNSHIP CATEGORIES:

The undergraduate internships would be classified into two types:

1. **Internship for enhancing the Employability:**

Recent graduates are lacking knowledge, practical skills, and experience which are mandatory requirements demanded by employers for recruitment. Graduates face many difficulties after graduation to enrol in the workforce

due to lack in knowledge, practical skills, and experience which are mandatory requirements demanded by employers.

Employability refers to the certain attributes of an individual that enable him/her to perform any job opportunity in line with the set standards of performance to meet expectations for the expected job. Students need to develop such competencies which reduce the obstacles as job seekers and also increase their potential as job providers.

The internship programs should be well conceptualized and interactive for building following crucial competencies:

- Development of project and its execution
- Decision-making
- Confidence development
- Working/coordinating in a team
- Creative and critical thinking and problem-solving
- Ethical values
- Professional development
- Understand government/local bodies world of work
- Reference of resource persons in the field
- Development of online/ simulation-based module for a virtual research internship
- Understanding the nuances of building a deep-technology start-up
- Study certain entrepreneurs,
- Study of the enterprises, farmers, artisans, artists, performers, expert individuals etc.

2. Internship for developing the Research Aptitude:

Research aptitude refers to the attribute of inquiry/investigation, analysis and interpretations in a scientific and objective method that facilitates to uncover facts and present an individual viewpoint in an organised manner.

Research internship aims at providing hands-on training to work on research tools, techniques, methodologies, equipment, policy framework and various other aspects in pursuing quality research.

The research internship programs should be well conceptualized and interactive for building following crucial competencies:

- Ideation and conceptualization of a research question/problem
- Learning about new tools and handling of equipment
- Experimentation and collection of data
- Simulations and development of models
- Preparation and presentation of reports

INTERNSHIP STRUCTURE FOR HEI

An internship provides learning experiences and an opportunity to acquiring new skills. The HEIs should provide a structured robust mechanism for internship programmes.

The important components incorporated in the mechanism are as follows:

1. Each HEI should create Apex Research and Development (R&D) Cell under which Discipline-specific Research and Development (R&D) Cells are created across diverse discipline for smooth coordination and functioning of internships. The Co-ordinators for all units should be appointed.

2. Each R & D unit should have a Nodal Officer who is responsible for developing need and demand-led internship path with well-defined objectives and outcomes. These Nodal Officers have to explore, reach out to, and sign a Memorandum of Understanding (MOU) with local businesses, research organisations, HEIs, Expert Professional, Renowned persons etc. as this will aid in training, research, employment, and start-ups.

3. To define verticals, HEIs must undertake a survey in the local market to understand the needs of companies/organizations/consultancy and the expectations of students.

HEI should provide many options to students while choosing a sector, making registration and undergoing an internship/research internship.

Following is an indicative list. You may add as per your insights about surroundings.

- Trade and Agriculture Area (For Instance, Internships in agriculture, and related domains like farm internships, agriculture research internships, agri-business internships can be considered as an opportunity by undergraduate students enrolled in HEIs. The agriculture sector needs to be considered by HEIs for the internship in rural regions. The HEIs/Universities at their level can explore National Qualification Register and check the possible job roles across sectors for exploring the internship areas (https://nqr.gov.in/). However, the
- Economy & Banking Financial Services and Insurance Area
- Logistics, Automotive & Capital Goods Area
- Fast Moving Consumer Goods & Retail Area
- Information Technology/Information Technology enabled Services & Electronics Area
- Handcraft, Art, Design & Music Area
- Healthcare & Life Science Area
- Sports, Wellness and Physical Education Area
- Tourism & Hospitality Area
- Digitisation & Emerging Technologies (Internet of Things/Artificial Intelligence/Machine Learning/Deep Learning/Augmented Reality/Virtual Reality, etc.) Area
- Humanitarian, Public Policy and Legal Service Area
- Communication Area
- Art (aa types) , Literature, Entertainment
- Mass Media
- Language
- Education Area
- Sustainable development Area
- Environment Area
- Commerce, Medium and Small-Scale Industries Area

4. During internship, student would be attached to an internship supervisor (IS), and Mentor preferably from the same HEI for a specified duration and conduct a time-bound internship project. The HEI (parent Institute) and the Internship Providing Organization (IPO) would play important roles in facilitating the smooth conduct of the internship.

Projects in the form of case study assignment (at individual, group, institute, organization, social level) can also be assigned to the students or group of students (Few examples: law, management, social works, counselling, sports, literature, performing art and many more).

A provision of group internship/joint research project may also be considered for handling the chunk of students in a particular domain by HEIs. The group can be identified for a particular theme assigned to a particular industry or HEI supervised by an internship supervisor and mentor.

The internship can be linked to the outcomes of value-added/skill development/ability enhancement courses. HEIs may have both backward and forward integrations.

Backward integrations: It indicates courses designed as prerequisites for internship.

Forward integrations: Developing a list of projects along with a list of mentors from which student can pick projects

5. HEI should design a Digital Portal where experts, agencies, industries, organisations, mentors, faculty members will register themselves. The information of all these resource persons will be open and visible to students. HEI should give application facility to students and also provide the application programming interface (API) integration, so that when a central portal is available, integration can be made.

6. HEIs can also look upon cluster models where institutions (2-3) can club or make a memorandum of understanding (MoU) for internships, the information of same need to be mentioned on the portal of HEIs and student may be willing to opt any and choose the mentor physically or digitally or any mentor outside also at national or international level.

7. There must be a mechanism for the orientation of teachers/ training of trainers'/faculty development programs and it should serve as a prerequisite for the HEIs offering the internships in the programme. In the case of the 4-year program, the policy needs to be framed for students who have an interest in research right from the beginning at the undergraduate level.

8. Students can choose industry mentor from HEIs/ research organizations/industrial R&D labs/Universities/ other national repute institutions / organizations / industries / emergency professional / NGOs / local government officials/ outside India experts working at the international level/social networking sites (e.g., LinkedIn). The same portal can be developed at HEI/University level. A centrally managed Internship Portal would help in arranging the internship by the HEIs for the students. The portal will provide information regarding various internship opportunities like Internshala, etc

9. Certain experienced people superannuated as research scientists, academics, industry professionals, farmers, entrepreneurs, local artisans and other experts, etc. can get registered on a portal as mentors from various disciplines. HEIs may network with local administration and identify areas where students can work on assignments or projects that will give them exposure to social issues in the form of projects.

10. The students can make use of summer & winter breaks for internship so that their academic credits do not get affected in terms of attendance and other assignments.

INTERNSHIP MECHANISM IN HEI

Figure 1: Operational Structure of Internship
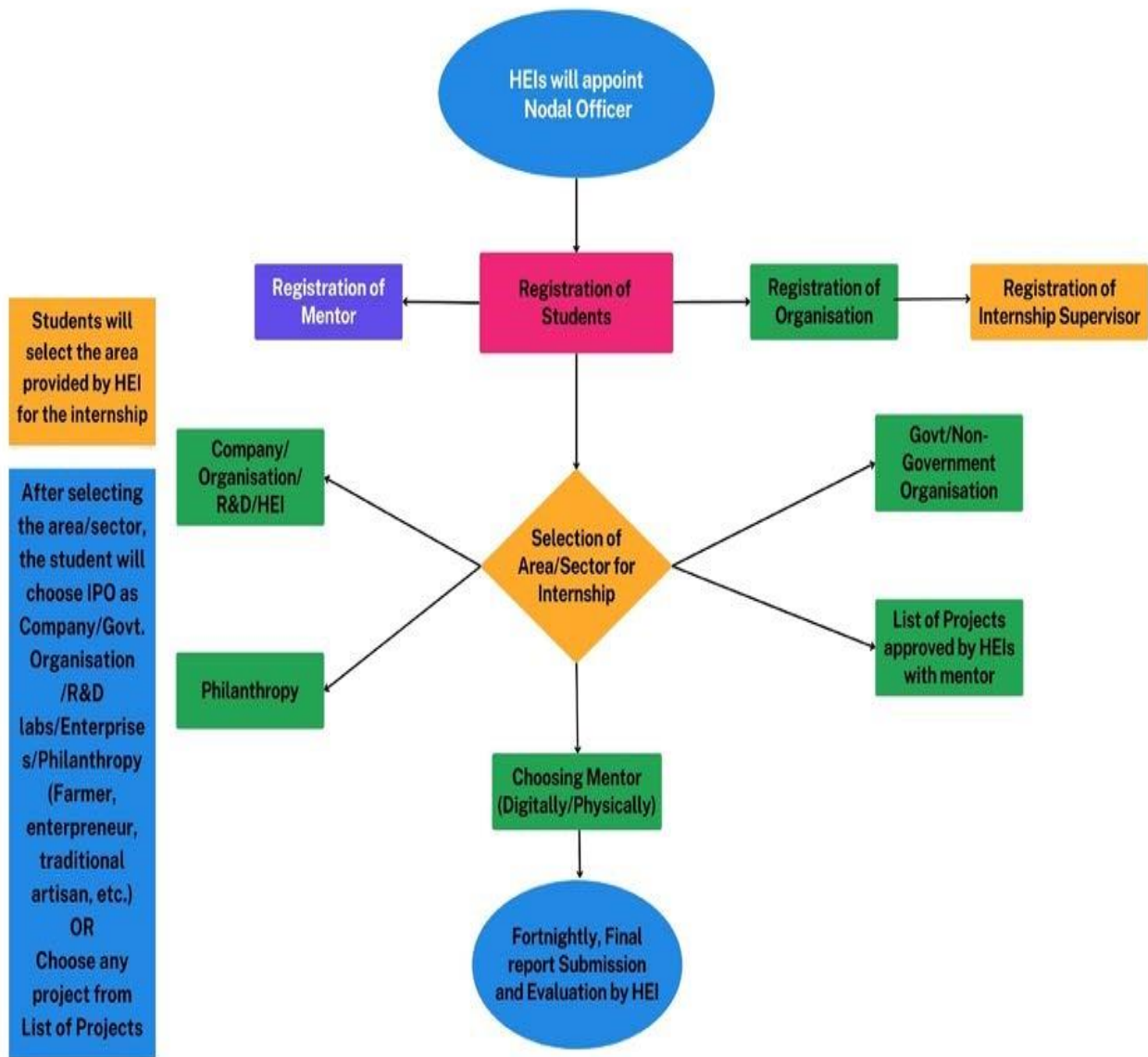
HEIs should develop a roadmap for the smooth functioning of the internship programme through

    (i) Research and Development Cell at the HEIs

    (ii) Office of the nodal officer

    (iii) Internship portals and about roles and responsibilities of interns, supervisors and mentors

    (iv) A list of projects

    (v) HEI and internship providing organisation may decide about Internship on mutually agreed terms and conditions. Internship outcomes should have been incorporated in developing a perspective among the candidates or students towards a profession and their ability to deconstruct a job role and to become job-ready as soon as they enter into a job or a profession.

    a) Students will apply for research internships on their own or through the mentor of their parent HEI by registering at the internship portal. The HEI should ensure that such a student has an appropriate orientation for research through research ability enhancement courses as a part of the curriculum.

b) Interns will be selected by host organizations based on their selection criteria. The host organization will arrange to inform the potential intern through the portal itself or through the mail and will ask for confirmation or for acceptance.

c) If a student fails to get an internship in physical mode, then the host institute should have a provision for digital or group internship.

d) On receipt of an offer of internship, the student will arrange to consult the internship supervisor, obtain due permission from the parent institution and join the concerned host organization for an internship as per the suggested schedule.

e) The student may undergo an internship in the supervisor's lab/ working space at the host organization. During the period of internship, the parent HEI through the internship supervisor and mentor, will arrange to keep track of the activities and performance of students as interns at the host organization, based on periodic reports submitted by students.

f) On completion of Internship, intern will prepare internship report and get it endorsed by mentor.

ROLES OF IMPORTANT AUTHORITIES WORKING FOR INTERNSHIP:

A) Role of Internship Providing Organisation (Outside HEI)

- Internship Providing Organisation (IPO) is any organisation, HEI, philanthropy, farmer, government organisation, R&D institutions, research labs, artisans, enterprises, institution/person of eminence/cooperatives/corporates providing an opportunity to the student for Internship during the programme
- Internship providing organisation will connect with a nodal officer to look into the matter of facilitating the interns on arrival with registration, identity cards/ library cards/ internet subscription/ any other specific requirements, accommodation, etc.
- The mentor from internship providing organisation needs to provide time-to-time guidance to the candidate to have exposure to the research environment and employability market.

B) Role of Mentor (Inside/Outside HEI)

- A Mentor is an empanelled individual professional identified by the HEI or by students himself/herself through their network. The mentor should be identified and his/her concurrence should be conveyed to the internship supervisor.
- He/she will be providing expertise/professional/research guidance to the student during the internship. The mentors will also facilitate networking with other subject matter experts/professionals, which will enhance the internship experience and learning of the intern.
- They shall be making the timely evaluation of a student and provide him completion certification/report for submission in HEI.
- The mentor needs to provide guidance to the students digitally or physically throughout the internship duration.
- The mentor needs to check and validate the performance of students fortnightly and after the completion of the internship, issue the certificate/report for submission in HEI.
- The mentor must ensure the learning of competencies with research orientation among the students during the internship duration.
- HEIs may integrate the job assigned to faculty with workload assessment.

C) Role of Nodal Officer (Inside HEI)

- Nodal Officer will be appointed by the Vice Chancellor/Director/Principal/Head of the Department of HEI.
- Internship Programme will be fully organised, executed and monitored by the R&D cell of HEI through a Nodal Officer
- Nodal officer will reach out to other HEIs, Creative and Expert individuals in any field related to different subjects, research organisations, research labs, corporates, industry, local administrative offices, heads of certain government offices like labour, municipal, hospital, tourism, public relations, finance, agriculture, social welfare, etc. to seek the opportunity of an internship for the institution.
- (Example: the students can participate with local government in processes of census, surveys and elections and other schemes with proper mentoring mechanisms).
- The nodal officer must connect with the organisation/individuals and make MOUs so as to facilitate the students for an internship during the course.
- The nodal officer must ensure the registration of students, internship supervisors, mentors and internship providing organisation in the portal
- The nodal officer may take care of the interns during their stay and address their problems, if any.

D) Role of Internship Supervisor (Inside HEI)

- Internship Supervisor will be appointed by the Vice Chancellor/Director/Principal/Head of the Department of HEI
- Internship Supervisor will be nominated at the start of the academic year for each batch.
- Internship Supervisor will monitor, supervise, and evaluate the student during the internship duration.
- Internship Supervisor from the host institute should monitor the regularity of the intern at his/her workplace. Students should preferably inform the Internship Supervisor at least one day prior to availing leave during the internship except for emergency.
- At the end of the internship, the Internship Supervisor will ensure issuing of completion certificates to the intern.
- Internship offered by the organisation should be followed by one project report and the assessment on the evaluation can be judged based on the innovativeness of that particular project, presentation and attendance by HEIs.

DURATION AND SLOTS FOR INTERNSHIP IN CURRICULUM

Each undergraduate student may complete an internship of 2-4 credits during after the 4th semester of the UG degree programme focussing on Hands-on Training/Short
Research Project. However, the student who has to go for a 4-year UG degree (Honours with Research) programme will be required to choose courses as given Table 1 during the 8th semester.

Table 1: Activities, Suggested Duration along with a corresponding number of credits of Internship Programme:

Sr. No.	Courses	Suggested Schedule	Duration	Suggested Activities	Credits
1	• 3-year UG degree • 4-year UG degree (Honours) • 4-year UG Degree (Honours with Research)	After (4th) Semester	60 -120 hours	• Hands-on Training/Short Research Project • Seminar attendance • Read assigned journals to prepare for seminars • Study certain entrepreneurs • Social projects • Study of the enterprises/ farmers/Creative or Expert individual in any field related to your subjects	02-04
2	4-year UG Degree (Honours with Research)	8th Semester	One Semester	• HEI may adopt courses related to Research Methodology, Research Tools and Techniques, Research Ability Enhancement and Policy Framework • Dissertation/Thesis/Project Work/ Research project	08 12

Note: In a 4-year UG degree (Honours) students not undertaking research may do 3 courses for 12 credits in lieu of a research project/dissertation as specified in CCFUP Document.

INSTITUTIONS OR INDIVIDUALS TO BE CHOSEN FOR INTERNSHIPS:

- Government or private organizations
- Higher education institutions
- Universities
- Research and development labs/Research organisations/Centres involved in research/Individual Researcher
- Non-government organisations
- Enterprises
- Centres involved in research-innovativeness-entrepreneurship
- Business organizations
- Local industry
- Artists/Writers/Dramatist/Poet/Actors and any expert related to the subject area.
- Crafts people
- Any competent individual in domain of life where student will get an opportunity to actively seek experiential learning for his/her professional growth in liking areas.

ACADEMIC CREDENTIALS & MONITORING OF INTERNSHIP

A. Internship (On field/On job Training or Experiential Learning):

A minimum of 2-4 credits, out of the required minimum 132/176 credits, of a 3-year UG degree/4-year UG degree (Honours)/4-year UG degree (Honours with Research) can be assigned for Internship as per the National Higher Education Qualifications Framework (NHEQF) and Curriculum and Credit Framework for Undergraduate Programme (CCFUP).

An internship of 60 to 120 hours duration after the 4th semester will be mandatory for the students enrolled in UG degree programmes. For an internship, 1 credit of Internship means 2 hour engagement per week. Accordingly, in a semester of 15 weeks' duration, 1 credit in this course is equivalent to 30 hours of engagement in a semester.

B. Research Project/Dissertations/Thesis/Project work

For the 4-year UG degree programme (Honours with Research), engagement of students in the dissertations/research project during the entire 7th & 8th semester of (4+8=12) credits will be considered as a mandatory component for the award of the degree.

The dissertation/research project/thesis work should involve 360 hours' duration during the semesters and it will be mandatory for the students enrolled in UG degree programmes (Honours with Research)

The students need to essentially submit the research project/dissertations/thesis/project work to the allotted mentor. The submission of the report with the conduction of viva will also be a component for the successful evaluation of the dissertation/research project/thesis/Project work.

C. Competencies to be developed during Research Internships:

3-year UG degree, 4-year UG degree (Honours) and 4-year degree (Honours with Research) programme will be operating strictly adhering to NEP-2020, NHEQF and CCFUP provisions.

Based on the higher education qualification level descriptors for Level-5.5 and Level-6 some of the competencies with research orientation should be attained by the students by studying the courses under the Research Ability Enhancement Courses (RAEC) and by undertaking the research internship project.

Following competencies will be expected to be acquired by student:

- The students should be well-versed with the techniques and methods of research that would support knowledge creation.
- The students should have an understanding of complex problem statements and the ability to develop solutions for real-life problems.
- The students will possess a good comprehension ability to interpret the oral and written communications in research papers, and present own interpretations.
- The students will be able to communicate technical information, research findings to the peers.
- The students will be made aware of the research ethics, professional accountability, conduct and will be able to practice the research ethics and appropriate skills in in his/her own research work.
- The student will be able to enhance academic productivity by developing writing and reading skills and can make contributions towards social and economic issues from their research in future.
- The research intern can possess an attitude and skill of adaptability and flexibility for new challenges at organisational and individual level with a mindset of teamwork and c

EVALUATION OF INTERNSHIP:

On the Job Internship (OJT)	Research Internship
1. The evaluation of the internship will be carried out at the following stages: **Stage 1:** The interns will be evaluated by research internship supervisor based on their efforts and research output. **Stage 2:** At HEI, the intern will be evaluated through a seminar presentation or viva voce on his work, by a duly constituted expert committee (One Internal (Internship Supervisor) and One external), on the following suggestive aspects. a. Activity logbook (***Prepare it before starting of the internship with Day and Date, Time period, Nature of activity/work done/ experiential learning/responsibility carried out etc and Signature of Student, Mentor & Internship Supervisor. It will be carried out by student throughout the period of internship and be filled regularly***) and evaluation report of Internship Supervisor b. Format of presentation and the quality of the intern's report c. Acquisition of skill sets by the intern d. Originality and any innovative contribution e. Significance of research outcomes f. Attendance	1. Activity logbook (***Prepare it before starting of the internship with Day and Date, Time period, Nature of work done and Signature of Student, Mentor & Internship Supervisor. It should be like progress report and must be submitted by student periodically. The span of period should be decided at the start of the internship by Internship Supervisor***) 2. The research project report shall have an undertaking from the student and a certificate from the research supervisor/mentor/advisor for originality of the work, stating that there is no plagiarism and that the work has not been submitted for the award of any other degree/diploma in the same Institution or any other Institution. 3. Internship offered by the organisation should be followed by one project report and the assessment on evaluation can be judged based on a. Innovativeness of Research b. Presentation and c. Viva-Voce 4. The viva-voce examination shall include both internal and external examiner. The HEIs need to follow their examination structure for the conduction of the examination.

** *On the basis of the above guidelines develop the syllabus for On The Job Internship (Training) and Research Internship*

I) Syllabus format for On the Job Training/ Internship (OJ)

Type: On Job Internship (Training) (OJ)

Course Name:

Course Number:

Course Code:

Course Credits: 4

Marks: On Job Training Report/ Research Internship duly signed by Internal Supervisor : 60

External Assessment (Viva Voce) by University appointed Internal

and External Examiners 40

Total Marks: **100**

If Course Credits: 2

Marks: On Job Training Report/ Research Internship duly signed by Internal Supervisor :   30

    External Assessment (Viva Voce) by University appointed Internal

    and External Examiners   20

    Total Marks: **50**

  Course Learning Outcomes: (Write at least 4 outcomes. You may add more. Use Bloom's Taxonomy)

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Instructions for teachers and students while doing On-the-Job Training:

1. Selection of Institute/Organization/Consultant/Professional etc. should be based on the areas in the mandatory or elective courses in the concerned subject.

2. The Institute/Organization/Consultant/Professional etc. under whom the Training/Internship/ Apprenticeship is expected, should be FORMALLY ASSIGNED (In Written Form) by concerned teacher to every student.

3. Submission of On-the-Job-Training Report duly signed and certified by concerned teacher/guide is A PRE-REQUISITE FOR APPEARING TO VIVA-VOCE EXAMINATION.

4. TWO COPIES of On-the-Job-Training Report in BOUND FORMAT should be submitted before Viva-Voce. One copy will be kept by department and the remaining will be returned to student.

Important Notes for Teachers:

1. Prepare a Draft Letter for getting permission from the appropriate authority within the

Institute/Organization or from Consultant/Professional etc. for the On-the-Job-Training/Internship/ Apprenticeship

2. Prepare an Appropriate Format for Writing the On-the-Job Training Report. **Kindly see that the First Page and Certificate Page is common for all students. In the remaining part, try to maintain uniformity.**

II) Syllabus format for Research Internship/Dissertation (RP)

Type: Research Internship/Dissertation (RP)

Course Name:

Course Number:

Course Code:

Course Credits: 8

Marks: Research Internship report duly signed by Internal Supervisor:	120
External Assessment (Viva Voce) by University appointed Internal and External Examiners	80
Total Marks: (8 Credits are there because it is Research Degree)	**200**

If Course Credits: 4

Marks: Research Internship report duly signed by Internal Supervisor:	60
External Assessment (Viva Voce) by University appointed Internal and External Examiners	40
Total Marks: (4 Credits are there because it is Research Degree)	**100**

Course Learning Outcomes: (Write at least 4 outcomes. You may add more. Use Bloom's Taxonomy)

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Instructions for teachers and students while doing Research Internship:

1. Selection of Institute/Organization/Consultant/Professional etc. should be based on the areas in the mandatory or elective courses in the concerned subject.

2. The Institute/Organization/Consultant/Professional etc. under whom the Internship is expected, should be FORMALLY ASSIGNED (In Written Form) by concerned teacher to every student.

3. Submission of Research Report/Dissertation duly signed and certified by concerned teacher/guide is A PRE-REQUISITE FOR APPEARING TO VIVA-VOCE EXAMINATION.

4. TWO COPIES of Research Report/Dissertation in BOUND FORMAT should be submitted before Viva-Voce. One copy will be kept by department and the remaining will be returned to student.

Important Notes for Teachers:

1. Prepare a Draft Letter for getting permission from the appropriate authority within the Institute/Organization or from Consultant/Professional etc. for the Research Report/Dissertation

2. Prepare an Appropriate Format for Writing Research Report/Dissertation. **Kindly see that the First Page and Certificate Page is common for all students. In the remaining part, try to maintain uniformity.**

3. **Kindly prepare the format which is similar to the format used by Ph. D. students during thesis writing.**

4. Kindly note that looking for plagiarism, international standard/style of presentation, certificate for originality etc. are essentially the responsibility of concerned teacher or supervisor.

(Annexur-I)

B.A (DMFC) Programme Structure for Level 4.5 OF B.A. – 1- SEMESTER – I								
TEACHING SCHEME				**EXAMINATION SCHEME**				
Theory (TH)			**Semester End Examination (SEE)**			**Internal Assessment (IA)**		
COURSE TYPE	No. of Lectures	Hours	Credit	Paper Hours	Max	Min	Internal	Max	Min
DSC – I	2	2	2	1.5	40	16		10	4
DSC – I	2	2	2	1.5	40	16		10	4
DSC – I	2	2	2	1.5	40	16		10	4
OE – 1	2	2	2	1.5	40	16		10	4
SEC – I	---	---	---	---	---	---	Assignment	---	---
AEC-ENG-I	2	2	2	1.5	40	16		10	4
IKS (Generic)	2	2	2	1.5	40	16		10	4
CC	---	---	---	---	---	---		---	---
TOTAL	**12**	**12**	**12**	---	**240**	---	---	**60**	---

Practical (PR)			Semester End Examination (SEE)			External Assessment (IA)		
COURSE TYPE	No. of Lectures	Hours	Credit	Paper Hours	Max	Min	External	Max	Min
DSC – I	4	4	2	3	35	14		15	6
DSC – I	4	4	2	3	35	14		15	6
DSC – I	4	4	2	6	35	14		15	6
OE – 1	---	---	---	---	---	---	Viva-Voce	---	---
SEC – I	4	4	2	3	35	14		15	6
AEC-ENG-I	---	---	---	---	---	---		---	---
IKS (Generic)	---	---	---	---	---	---		---	---
CC			2		40			10	
TOTAL	20	20	10	---	**180**	---	---	**70**	---
GRAND TOTAL (TH + PR)	(12+20) 32	(12+20) 32	(12+10) 22	---	(240+180) 420	---	---	(60+70) 130	---
								SEE + IA = 420 + 130 = 550	

B.A (DMFC) Programme Structure for Level 4.5 OF B.A. – 1- SEMESTER – II								
TEACHING SCHEME				EXAMINATION SCHEME				
Theory (TH)			Semester End Examination (SEE)			Internal Assessment (IA)		
COURSE TYPE	No. of Lectures	Hours	Credit	Paper Hours	Max	Min	Internal	Max	Min
DSC – I	2	2	2	1.5	40	16	Assignment	10	4
DSC – I	2	2	2	1.5	40	16		10	4
DSC – I	2	2	2	1.5	40	16		10	4
OE – 1	2	2	2	1.5	40	16		10	4
SEC – I	---	---	---	---	---	---		---	---
AEC-ENG-I	2	2	2	1.5	40	16		10	4
VEC-DEC	2	2	2	1.5	40	16		10	4
CEP	---	---	---	---	---	---		---	---
TOTAL	12	12	12	---	240	---	---	60	---

Practical (PR)			Semester End Examination (SEE)			External Assessment (IA)		
COURSE TYPE	No. of Lectures	Hours	Credit	Paper Hours	Max	Min	External	Max	Min
DSC – II	4	4	2	3	35	14	Viva-Voce	15	6
DSC – II	4	4	2	3	35	14		15	6
DSC – II	4	4	2	6	35	14		15	6
OE – 2	---	---	---	---	---	---		---	---
SEC – II	4	4	2	3	35	14		15	6
AEC-ENG-II	---	---	---	---	---	---		---	---
VEC-DEC	---	---	---	---	---	---		---	---
CEP			2		40			10	
TOTAL	20	20	10	---	180	---	---	70	---
GRAND TOTAL (TH + PR)	(12+20) 32	(12+20) 32	(12+10) 22	---	(240+180) 420	---	---	(60+70) 130	---
								SEE + IA = 420 + 130 = 550	

Note:

- **Major:**Mandatory /Elective
- **Minor:** Course may br from different disciplines of same faculty of DSC Major or different faculty altogether.
- **IDC/MDC/GEC/ OE:** Inter-disciplinary courses/Multi-disciplinary courses/General Elective courses/**Open Elective to be chosen compulsorily from faculty other than that of the Major.**
- **VSC/ SEC: Vocational Skill Courses (Major related)/ Skill Enhancement Courses**
- **AEC/ VAC / IKS:** Ability Enhancement Courses (English, Modern Indian Language)/Value Added Courses/ Indian Knowledge Skill (Major related)
- **OJT/FP/RP/CEP/CC:** On-Job Training (Internship/Apprenticeship) / Field Project (Major related)/ Research Projects (Major related) Community Engagement **(Major related)/ Co-Curricular courses(CC)** such as Health & Wellness, Yoga Education, Sport, and Fitness, Cultural activities, NSS/NCC and Fine /applied/visual/performing Arts