

 <p>शिवाजी विद्यापीठ कोल्हापूर ज्ञानमेवामृतम्</p> <p>Estd. 1962 "A++" Accredited by NAAC (2021) With CGPA 3.52</p>	<p>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</p>		
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संदर्भ/जा.क्र./शिवाजी वि./अ.मं./५७१

दि. १८/०९/२०२५

प्रति,

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

विषय :- B. A. Dress Making and Fashion Coordination Part- II अभ्यासक्रमाबाबत.

संदर्भ : या कार्यालयाचे पत्र क्र. ५०८ दि. २५/०८/२०२५ रोजीचे पत्र.

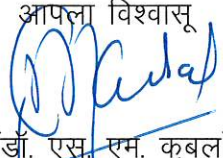
महोदय,

उपरोक्त संदर्भित विषयास अनुसरून आपणास आदेशान्वये कळविण्यात येते की, राष्ट्रीय शैक्षणिक धोरण-2020 नुसार शैक्षणिक वर्ष 2025-2026 पासून लागू करण्यात आलेल्या B. A. Dress Making and Fashion Coordination Part- II या अभ्यासक्रमामध्ये **किरकोळ दुरुस्ती** करण्यात आलेली आहेत.

सोबत सदर अभ्यासक्रमाची प्रत जोडली आहे. तसेच विद्यापीठाच्या [\(www.unishivaji.ac.in\)](http://www.unishivaji.ac.in) (NEP 2020@Suk/Online Syllabus) या संकेतस्थळावर ठेवण्यात आला आहे.

सदर अभ्यासक्रम सर्व संबंधित 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, शारीरिक शिक्षण अस्थायी मंडळ	8	पी. जी. प्रवेश विभागास
3	संचालक, परीक्षा व मुल्यमापन मंडळ कार्यालयास	9	परिक्षक नियुक्ती ए व बी विभागास
4	परीक्षा 01, व 02 विभागास	10	पी. जी. सेमिनार विभागास
5	पात्रता विभागास	11	नॅक विभागास
6	आय. टी. सेल विभागास		

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 - II (Semester - III and IV)

**STRUCTURE AND SYLLABUS IN
ACCORDANCE WITH *NATIONAL
EDUCATION POLICY - 2020 (NEP 2.0)*
HAVING CHOICE BASED CREDIT SYSTEM
WITH MULTIPLE ENTRY AND MULTIPLE EXIT OPTIONS
(TO BE IMPLEMENTED FROM ACADEMIC YEAR 2025-26 ONWARDS)**

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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).

2. 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.

3. 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)

4. 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.

- Admission for B.A.(DMFC) degree course shall be based purely on higher Secondary Result(H.S.C.or equivalence examination).

Direct Second year Admission (Lateral Entry) :

- Candidate (10+3) Diploma – D.D.G.M(M.S.B.T.E. /I. T.I./ M.C.V.C./ Textile/ Handloom conducted by the Technical Education or department of Technical Education any Examination of any State Statutory University, with (10+3) Diploma in Textile Technology in Costume and Fashion Design conducted by the Department of Technical Education of any State are eligible for admission (Related for Fashion Design Subjects). Directly to the Second year of the B.A. (DMFC) degree course.
- Candidate with Diploma (10+3) in Handloom Technology and Diploma in Handloom and Textiles conducted by Ministry of Textiles, Government of India are also eligible for admission directly to the second year B.A.(DMFC) degree course.
- Students should fulfill required no. of credits as per the University norms, at the time of admission.

5. MEDIUM OF INSTRUCTION:

The medium of instruction shall be in English.

6. 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)

7. STRUCTURE OF PROGRAMME:

(Credit Distribution Structure for with Multiple Entry and Exit Options B.A.- II in Dress Making and Fashion Coordination (BADMFC))

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) Second Year Bachelor of Arts (B.A. - II) (UG CERTIFICATE) :

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

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

COURSE CATEGORY		COURSE NAME	COURSE CODE Marks			CREDITS			WORKLOAD		
MAJOR	MANDATORY	Apparel Designing	Th	Pr	T	Th	Pr	T	Th	Pr	T
			50	50	100	2	2	4	2	4	6
MAJOR	MANDATORY	Textile Art & Wet Processing	50	50	100	2	2	4	2	4	6
MINOR	-	Traditional Indian Textile	50	50	100	2	2	4	2	4	6
IDC/MDC/ GEC/OE	OE -III	From the Basket	50	-	50	2	-	2	2	-	2
VSC/SEC	VSC - I	Pattern Layout & Garment Construction	-	50	50	-	2	2	-	4	4
	SEC - III	Basic Computer	-	50	50	-	2	2	-	4	4
AEC/VAC/ IKS	AEC	English	50	-	50	2	-	2	2	-	2
	IKS(Specific)	History of Clothing	50	-	50	2	-	2	2	-	2
CREDITS FOR B.A. - II, SEM - III:							22				

A -2) B.A. – II : SEMESTER - IV (TOTAL CREDITS - 22): (Note: Put ‘—’ wherever ‘Not Applicable’)

COURSE CATEGORY		COURSE NAME	COURSE CODE Marks			CREDITS			WORKLOAD		
MAJOR	MANDATORY	(Apparel Designing)	Th	Pr	T	Th	Pr	T	Th	Pr	T
			50	50	100	2	2	4	2	4	6
MAJOR	MANDATORY	(Textile Art & Wet Processing)	50	50	100	2	2	4	2	4	6
MINOR	-	(Traditional Indian Textile)	50	50	100	2	2	4	2	4	6
IDC/MDC/ GEC/OE	OE	From the Basket	50	-	50	2	-	2	2	-	2
VSC/SEC	VSC - II	(Pattern Layout & Garment Construction)	-	50	50	-	2	2		4	4
	SEC - IV	(Basic Computer)	-	50	50	-	2	2	-	4	4
AEC/VAC/ IKS	AEC	English	50	-	50	2	-	2	2	-	2
	VEC	Environmental Studies	70	30	100	-	2	2	-	2	2
CREDITS FOR B.A. - II, SEM - IV:							22				
CREDITS FOR B. A. - II, SEM – III AND IV:						22 + 22 = 44					

FOR EXIT OPTION AT B.A. - II:

If student wants to ‘EXIT’ after completion of B.A. II (SEM III and IV), 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 DIPLOMA. This Certificate is a prerequisite for admission or ‘ENTRY’ in Third Year B. A. degree course.

The Nature of SUMMER INTERNSHIP:

Internship in Embroidery Unit

Internship in Spinning & Weaving Industry

Internship in Dyeing & Printing Unit

Internship in Boutique

Internship in Department of Visual Merchandising in Shopping Malls & Stores.

One Month Training Program in Hand Embroidery / Jewellery Making of Ministry of Textiles Government of India.

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: IKS is IK SEC is SE OJT is OJ	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 B.A. IV (SEM VII & VIII) : 5	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 SEM VIII- H	Course means Paper Number All course numbers are to be given in DOUBLE digits . Don't assign number for courses where NOT mentioned. (See Structure in int 8 for All Semesters)

1. 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. II Sem- III and IV

(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
III	DSCDFC-C4	Apparel Designing	4	III	BA U0325 M-III L/P 2 1168 C01	Apparel Designing	4
III	DSCDFC-C2	Textile Art & Wet Processing	4	III	BA U0325 M-IV L/P 2 1168 C02	Textile Art & Wet Processing	4
III	DSCDFC-C3	Traditional Indian Textile	4	III	BA U0325 MN L/P 2 1168 C03	Traditional Indian Textile	4
III	OE	From the Basket	2	III	BA U0325 OE L 2 1168 C04	From the Basket	2
III	DSCDFC-C7	Garment Construction	2	III	BA U0325 VSC-IP 2 1168 C05	Pattern Layout & Garment Construction	2
III	DSCDFC-A3	Basic Computer	2	III	BA U0325 SEC-III P 2 1168 C06	Basic Computer	2
III	AECC-D		2	III	BA U0325 AEC-III L 2 1168 C07	English	2
III		Environmental Studies	2	III	BA U0325 IKS L 2 1168 C08	IKS Specific History of Clothing	2
IV	DSCDFC-D4	Apparel Designing	4	IV	BA U0325 M-V L/P/ 2 1168 D09	Apparel Designing	4
IV	DSCDFC-D2	Textile Art & Wet Processing	4	IV	BA U0325 M-VI L/P 2 1168 D10	Textile Art & Wet Processing	4
IV	DSCDFC-D3	Traditional Indian Textile	4	IV	BA U0325 MN L/P 2 1168 D11	Traditional Indian Textile	4
IV	OE	From the Basket	2	IV	BA U0325 OE L 2 1168 D12	From the Basket	2
IV	DSCDFC-D7	Garment Construction	2	IV	BA U0325 VSC-II P 2 1168 D13	Pattern Layout & Garment Construction	2
IV	DSCDFC-B2	Basic Computer	2	IV	BA U0325 SEC-IV L/P 2 1168 D14	Basic Computer	2
IV	CEGDFC-B5		2	IV	BA U0325 AEC-IV L 2 1168 D15	English	2
IV	AECC-B	Environmental Studies	2	IV	BA U0325 VEC L 2 1168 D16	Environmental Studies	2

9. 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:

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

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 i^{th} semester is denoted by S_i . The formula is given by

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

where c_j is the number of credit of j^{th} course, G_j is the grade points earned in the j^{th} 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 programme,

$$CGPA = \frac{\sum_{i=1}^m C_i \times S_i}{\sum_{i=1}^m C_i}$$

Where C_i is the total number of credits in i^{th} semester, S_i is the SGPA of i^{th} 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.

1. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

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

12.NATURE OF THE QUESTION PAPER AND SCHEME OF MARKING

B.A.II, Sem. III Ability Enhancement Course (AEC), English for Communication

QUESTION PAPER PATTERN

B. A. II Semester - III

Course Category: Compulsory Course

Course name: Ability Enhancement Course (AEC), English for Communication Course Number: Paper C

Course Code: BAU0325AEL303C03

Course Credits: 02

Total Marks: 50 (Theory Exam: 40, Internal Exam: 10)

Q.1. Multiple choice questions (One mark each) (Based on Unit No. 1 & 2) (10 Marks)

Q.2 Answer any one of the following (based on Unit No. 1) (10 Marks)

Q.3. Answer any one of the following (Based on Unit No. 2). (10 Marks)

Q.4. Write short notes (Any two out of three) (Based on Unit No. 1 & 2). (10 Marks)

SEMESTER-IV

Theory Exam: 40 Marks Internal

Evaluation: 10 Marks

B. A. Part- II (Semester- IV) Paper-V

Course Category: Ability Enhancement Course (AEC), (English for Communication) Course

Category: Compulsory Course

Course name: Ability Enhancement Course (AEC), (English for Communication) Course

Number: Paper D

Course Code: BAU0325AEL303D04

Course Credits: 02

Marks: Total Marks: 50 (Theory Exam: 40, Internal Exam: 10)

QUESTION PAPER PATTERN

Q.1. Multiple choice questions (one mark each) (Based on Unit No. 1 & 2) (10 Marks)

Q.2. Do as directed (Based on Unit No. 1) (10 Marks)

Q.3. Answer any one of the following (Based on Unit No. 2). (10 Marks)

Q.4. Write short notes (Any two out of three) (Based on Unit No. 1 & 2). (10 Marks)

12: SYLLABUS

B. A. II, SEMESTER – III

Course Category: MAJOR-III

Course Name: Apparel Designing

Course Numbers : 01

Course Code : BA U0325 M-III L/P 2 1168 C01

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: Terminology in Apparel Design.

Module 2: Fashion Apparel

- i) Women
- ii) Men
- iii) Children

Module 3: Types of Shirts Trousers, Dresses, Skirts, Jackets, Waist Coat- etc.

Module 4: Accessories, Footwear, Handbags, Gloves, Jewellery, and Other Accessories.

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

Practical-1- Kids Wear – Designing Casual Wear – Indian and Western.

Female Wear – Designing Casual Wear and Formal Wear .(Indian Traditional and Western Wear) .

Practical-2 - Garment Lengths (Trousers and skirts) .

Practical-3 - Designing of coats / Jackets .

Practical-4 Types of Designer shirts For female / Male .

Practical-5 Designing of : Office Wear / Summer Wear / Beach Wear /Winter Wear

References :-

- 1] Helen L. B. 'The Theory of Fashion Design'.
- 2] Neims I. B. (1976), 'Fashion and Clothing Technology', Holton Educational Pub.
- 3] 3] Michel B. B., 'Fashion the Mirror of History', New York, Batter Berry Ariane. Greenwich House.
- 4] Carso B., 'How to Look and Dress', McGraw Hill Book Co.
- 5] Tathan C and Seaman J. 'Fashion Design Drawing Course', James andHudson.
- 6] Prakash, K. 'The Indian Fashion Designs', Mumbai, English Edition publishersDistributors(India) Pvt. Ltd.
- 7] Tute S.L. (1977), ' Inside Fashion Design', Francisco Canfield Press.

B. A. II, SEMESTER – III

Course Category: MAJOR-IV

Course Name: Textile Art & Wet Processing

Course Number: 02

Course Code: BA U0325 M-IV L/P 2 1168 C02

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. Facilitate the Textile Industry to attain and sustain a pre-eminent global standing in the manufacture and export of clothing;
2. Equip the Industry to withstand the pressures of import penetration and maintain a dominant presence in the domestic market;
3. Enable the industry to build world-class state-of-the-art manufacturing capabilities in conformity with environmental standards, and for this purpose to encourage both Foreign Direct Investment as well as research and development in the sector;
4. Develop a strong multi-fiber base with the thrust of product upgradation and diversification;
5. Sustain and strengthen the traditional knowledge, skills and capabilities of our weavers and craftspeople.

Theory : Module 1 & 2 = 1 Credits , Module 3 & 4= 1 Credits

Theory–

Module 1:-Polymer Chemistry

- i) Polymer,
- ii) Types of polymers,
- iii) Methods of Polymerization.
- iv) Requirements of fiber-forming polymer.

Module 2- Pretreatments have been given for the various types of fabrics.

- i) Singeing,
- ii) Scouring, Desizing.
- iii) Bleaching, Oxidizing & Reducing bleaching agents. De gumming.
- iv) Mercerization- etc.

Module 3- Dyeing

- i) Introduction,
- ii) Theory of dyeing
- iii) Classification of dyes (Natural dyes 7 Synthetic dyes)
Methods of dyeing
- iv) Eco- friendly dyes

Module 4- Printing

- i) Introduction Theory of Printing
- ii) Methods of printing (Direct, Discharge, & Resist Printing)

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

Practical 1 - Various techniques of tie & dye. .(garment / Article presentation)

Practical 2 -Various techniques of batik.(Sample / Garment Presentation)

Practical 3 - Block Printing. .(garment / Article presentation .

Practical 4 - Cord work using crocheting – Article presentation .

Practical 5 – Cord

References :-

1. Goal E.P.G. and Vilensky L.D. (1987), 'Textile Science', New Delhi, CBSPublishingHouse.
2. Shenai V.A. (1984) 'Technology of Textile Processing'; Vo l I – IX Mumbai,SevakPublications.
3. Shenai V.A. (1991) ' Introduction to the Chemistry of dye stuffs', Mumbai,SevakPublication

B. A. II, SEMESTER – III

Course Category: MINOR

Course Name: Traditional Indian Textile

Course Number : 03

Course Code : BA U0325 MN L/P 2 1168 C03

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:

After Completion of the course students will be able to:

1. Gain Knowledge about different types of fabrics and traditional motifs that can be used in designing garments.
2. To impart knowledge on various traditional embroideries of India.
3. To gain practical knowledge on different embroideries of India.

Theory : Module 1 & 2 = 1 Credits , Module 3 & 4= 1 Credits

Theory–

Module 1:- Indian Textiles.

- i) Preparation & decoration of Indian Textiles.
- ii) Coloring & printing techniques.
- iii) Embroidery work.
- iv) Gold & Jari work

Module 2- Textile of Gujarat.

- i) Tie-Dye textiles,
- ii) Printed & Painted textiles,
- iii) Woven Textile

Module 3- Textiles of Maharashtra,

- i) Textiles of Karnataka
- ii) Textiles of Kerala.

Module 4- Traditional Embroidery of Bengal

- i) Traditional Embroidery of Punjab.

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

Practical -1 Making the embroidery sample of Kantha of Bengal with traditional motifs .

Practical -2 Making the embroidery sample of Phulkari of Punjab with traditional motifs.

Practical -3 Making the embroidery sample of Kasuti of Karnataka with traditional motifs.

Practical -4 Making the embroidery sample of Sindh Kutch & Kathiawar of Gujarat with traditional motifs.

Practical -5 Making the embroidery sample of Gold & Zari work with traditional motifs.

References :-

1. Picker N.B. (1949), 'Singer Sewing Book', Singer Sewing Machine Co.
2. Guts M, (1972), 'Sewing A to Z', London, Mills and Boon Ltd.
3. Naik S.D. (1996), 'Traditional Embroideries of India', New Delhi, APH Publishing Corporation.
2. Lathery G. (1993), 'Inspirational Ideas for Embroidery on Clothes and Accessory', Search Press Ltd.
3. Mathew A. (1989), 'Vogue Dictionary of Crochet Stitches', London, David and Charles L

B. A. II, SEMESTER – III

Course Category: OE-III

Course Name: Will be selected From the Basket

Course Number: 04

Course Code: BA U0325 OE-3 L 2 1168 C04

Course Credits: 2

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

As per the University Syllabus.

B. A. II, SEMESTER – III

Course Category: VSC-I

Course Name: Pattern Layout & Garment Construction

Course Number: 05

Course Code: BA U0325 VSC-I P 2 1168 C05

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. To teach students how to read elaborate styles and patterns.
2. To equip students with the techniques of advanced pattern designing through flat pattern construction.
4. To acquaint students with the techniques and skills of garment construction through flat pattern.
5. To make students competent to stitch garments with elaborate patterns.

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

Practical 1 : Sewing techniques for the various types of pockets patch / insert welt pocket / Flap pocket / Zip attachments – Any – 3- Types

Practical 2 : Construction and Pattern Layout of Layered Skirt

Practical 3 : Construction and Pattern Layout of Balloon Skirt

Practical 4 : Construction and Pattern Layout of Hooded jacket with raglan sleeves

Practical 5 : Construction and Pattern Layout of Princess line kurta / top

References:

- Pattern Making for Fashion design by Armstrong, Vikas Publishing House Pvt.Ltd. Delhi.
- Armstrong, H (2014) Ed. 5 th , Pattern Making for Fashion Design. Delhi India: Dorling
- Kindersley Private Limited, Doongaji, S &Deshpande, R. (1968).Basic Processes and
- Clothing Construction. India: New Raj Book Depot. McCall's. (1964).Sewing in Colour.
- London: The Hamlyn Publishing Group Ltd. Reader's Digest, (1993). Step by Step Guide:

B. A. II, SEMESTER – III

Course Category: SEC – III

Course Name: Basic Computer

Course Number: 06

Course Code: BA U0325 SEC-III P 2 1168 C06

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. Demonstrate a basic understanding of computer hardware and software.
2. Demonstrate problem-solving skills.
3. Apply logical skills to programming in a variety of languages.
4. It helps to Utilize web technologies.
5. Demonstrate a basic understanding of network principles.
6. Apply the skills that are the focus of this program to business scenarios.

Practicals: – Module 1 & 2 = 1 Credit Module 3 & 4= 1 Credit

Module 1 : Paintbrush

Free hand drawing and designing, altering existing design, storing and printing of design, colour schemes

Module 2 : CoralDraw

Introduction, understanding basic fundamentals, drawing and creating patterns, croquis, filling texture form.

Reference Books :-

1. Computer Fundamentals by P.K. Sinha
2. Principles of Interactive Computer Graphics
3. Windows
4. Inside Autocad by Raker and H. Rice.
5. Autocad (ver. Release 14 or latest) and users guide
6. Corel Draw 10 for Windows by. Phyllis Davis and Steve Schwartz
7. Autocad 2006 – George Omura.

B. A. II, SEMESTER – III

Course Category: Compulsory Course

Course name: Ability Enhancement Course (AEC), English for Communication

Course Number: Paper / 07

Course Code: BAU0325AEL303C03/ BA U0325 AEC-III L 2 1168 C07

Course Credits: 02

Total Marks: 50 (Theory Exam: 40, Internal Exam: 10) Course Objectives:

- To make students able to write resume.
- To train the students to face interviews effectively.
- To introduce students to various forms of letter writings.
- To develop writing skills of students.

Course Outcomes:

- Students become able to write resumes.
- Students are able to face interviews.
- Students write various types of official letters.
- Writing skills of students are developed.

Course Name: Ability Enhancement Compulsory Course (English for Communication)				
Module No.	Title of the Module	Subtitles of the Module	Hours	Marks
I	Resume Writing and Interview Techniques	A. Writing a Resume B. Preparing for an Interview C. Facing an Interview	15	20
II	Official Letter-Writing	A. Letter of Application B. Letters related to appointment (Acceptance/Joining Report) C. Office Communication (Leave of Absence, Transfer, Permission, Requests) D. Resignation Letter / Complaint Letter	15	20
Total			30	40

Reference Books:

Chow, Cynthia. *Letter writing: Business letters*. Vancouver, BC: Vancouver School Board, 1993.

David, James. *Letter writing*. London: Hodder and Stoughton, 1992.

Newlen, R.R. *Resume Writing and Interviewing Techniques that Work*, Neal-Schuman Publishers, 2006.

B. A. II, SEMESTER – III

Course Category: IKS (Specific)

Course Name: History of Clothing

Course Number: 08

Course Code: BA U0325 IKS L 2 1168 C08

Course Credits: 2

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

Course outcome: To enable students to:

1. To provide students with an understanding of the evolution of clothing and its cultural significance throughout history.
2. To Understand the Evolution of Fashion.
3. Applying Historical Knowledge to Design.
4. Understanding the Cultural Significance of Clothing.

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

Module 1: Brief History of Clothing

Introduction, What is Clothing? Why People Wear Clothes?

A Clothing History: Prehistoric Period

Module 2: Evolution Of Clothing

The Origins of Clothing: Theories And Facts,

Four major theories regarding the origin of clothing:

1. The Modesty Theory
2. The Immodesty Theory
3. The Adornment Theory
4. Projection Theory

Module 3: Rise of civilization,

Indus Valley Civilization period

Ancient period

Classical period

Module 4: Medieval period

Early Modern period

British colonial period

Post-Independence

References:

- Ancient Indian Costume by Roshen Alkazi.
- Indian Costume by G.S. Ghurye
- Indian Dress: A Brief History by Charles Louis Fabric
- Traditional Indian costumes & textiles by Dr. Parul Bhatnagar

B. A. II, SEMESTER – IV

Course Category: MAJOR-V

Course Name: Apparel Designing

Course Number: 09

Course Code: BA U0325 M-V L/P 2 1168 D09

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 an 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 the 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

Theory–

Module 1: Fashion Illustration Meaning of Illustration & Types and Uses of Various Medias and Understanding Design.

Module 2: Elements of Design,

- i) Silhouette
- ii) Details,
- iii) Texture Color Lines

Module 3: Principle of Design

- i) Proportion,
- ii) Balance,
- iii) Rhythm
- iv) Center of Interest Harmony
- v) Structural & Applied Design

Module 4: Stages in Fashion Cycles.

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

Practical 1 : Evening Gowns /Party Wear/ Formal / Western

Wear Shoelace effect on Various Garments.

Practical 2: Illustrations – using various media like Pencil, Pens, Water Colors, Dry Pastles , Acrylic ,Poster Colors .

Practical 3: Designing with five Different Theme.

(Creating Mood Board, Fabric Board , Color Board , Flat Patterns With Proper Presentation)

Practical 4: Inspirational Drawing: Plants, Object, Fabric, Photographic (from Magazine).

Practical 5: Accessories Designing: Hats, Shoes, Purses

Practical 6: Effects of various Lines on Clothes (Horizontal, Vertical, Diagonal).

References :-

- 1) Helen L. B. ‘The Theory of Fashion Design’.
- 2) Neims I. B. (1976), ‘Fashion and Clothing Technology’, Holton Educational Pub.
- 3) Michel B. B., ‘Fashion the Mirror of History’, New York, Batter
Berry Ariane.Greenwich House.
- 4) Carso B., ‘How to Look and Dress’, McGraw Hill Book Co.
- 5) Tathan C and Seaman J. ‘Fashion Design Drawing Course’, James andHudson.
- 6) Prakash, K. ‘The Indian Fashion Designs’, Mumbai, English Edition
publishersDistributors (India)Pvt. Ltd.
- 7) Tute S.L. (1977), ‘ Inside Fashion Design’, Francisco Canfield Press.

B. A. II, SEMESTER – IV

Course Category: MAJOR-VI

Course Name: Textile Art & Wet Processing

Course Number: 10

Course Code: BA U0325 M-VI L/P 2 1168 D10

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. Facilitate the Textile Industry to attain and sustain a pre-eminent global standing in the manufacture and export of clothing;
2. Equip the Industry to withstand the pressures of import penetration and maintain a dominant presence in the domestic market;
3. Enable the industry to build world-class state-of-the-art manufacturing capabilities in conformity with environmental standards, and for this purpose to encourage both Foreign Direct Investment as well as research and development in the sector;
4. Develop a strong multi-fiber base with the thrust of product upgradation and diversification;
5. Sustain and strengthen the traditional knowledge, skills and capabilities of our weavers and craftspeople.

Theory : Module 1 & 2 = 1 Credits , Module 3 & 4 = 1 Credits

Theory–

Module 1- After Treatments for dyed & printed fabrics.

Module 2- Various Textile Finishes

- i) Tenting, Brushing, Sanforizing, Waterproof, Oil & Soil repellent, Anti-Microbial, Antistatic
- ii) Embossing, Fireproofing, Crease resistant, Wrinkle resistant, Wash & Wear finish etc.

Module 3- Care of Garment

- i) Proper storage of garments
- ii) Laundering, Stain removal

Module 4 – Labeling

- i) Brand, Grade
- ii) Descriptive & informative labels etc.

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

- 1) Screen Printing (Develop Design For Printing)
- 2) Stencil Printing.
- 3) Corded work using Macramé
- 4) Making an Article for each of the above techniques

References :-

1. Goal E.P.G. and Vilensky L.D. (1987), 'Textile Science', New Delhi, CBSPublishingHouse.
2. Shenai V.A. (1984) 'Technology of Textile Processing'; Vo l I – IX Mumbai,SevakPublications.
3. Shenai V.A. (1991) ' Introduction to the Chemistry of dye stuffs', Mumbai,SevakPublication

B. A. II, SEMESTER – IV

Course Category: MINOR

Course Name: Traditional Indian Textile

Course Number: 11

Course Code: BA U0325 MN L/P 2 1168 D11

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. Gain Knowledge about different types of fabrics and traditional motifs that can be used in designing garments.
2. To impart knowledge on various traditional embroideries of India.
3. To gain practical knowledge on different embroideries of India.

Theory : Module 1 & 2 = 1 Credits , Module 3 & 4= 1 Credits

Theory–

Module 1- Textiles of Assam, Textiles of Orissa, Textiles of Madhya Pradesh, Textiles of Andhra Pradesh

Module 2- Traditional Embroidery of Karnataka, Traditional Embroidery of Manipur, Traditional Embroidery of Himachal Pradesh

Module 3-Traditional Embroidery of Kashmir, Traditional Embroidery of Uttar Pradesh.

Module 4-Appliques of Orissa & Bihar, Embroidery of Sindh Kutch, Embroidery of Kathiawar of Gujarat.

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

Practical -1 Making the embroidery sample of Embroidery of Manipuri with traditional motifs.

Practical -2 Making the embroidery sample of Chamba Rumal of Himachal Pradesh with traditional motifs.

Practical -3 Making the embroidery sample of Chikankari of Uttar Pradesh with traditional motifs

Practical -4 Making the embroidery sample of Kashida of Kashmir with traditional motifs.

Practical -5 Making the embroidery sample of Appliqués of Orissa & Bihar with traditional motifs.

Practical -6 Making of one articles with the use of any one type of embroidery.

References :-

- 1) Picker N.B. (1949), 'Singer Sewing Book', Singer Sewing Machine Co.
- 2) Guts M, (1972), 'Sewing A to Z', London, Mills and Boon Ltd.
- 3) Naik S.D. (1996), 'Traditional Embroideries of India', New Delhi, APH Publishing Corporation.
- 4) Lathery G. (1993), 'Inspirational Ideas for Embroidery on Clothes and Accessory', Search Press Ltd.
- 5) Mathew A. (1989), 'Vogue Dictionary of Crochet Stitches', London, David and Charles Ltd.

B. A. II, SEMESTER – IV

Course Category: OE-4

Course Name: Will be selected From the Basket

Course Number: 12

Course Code: BA U0325 OE L 2 1168 D12

Course Credits: 2

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

As per the University Syllabus.

B. A. II, SEMESTER – IV

Course Category: VSC -II

Course Name: Pattern Layout & Garment Construction

Course Number: 13

Course Code: BA U0325 VSC-II P 2 1168 D13

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. To teach students how to read elaborate styles and patterns.
2. To equip students with the techniques of advanced pattern designing through flat pattern construction.
3. To acquaint students with the techniques and skills of garment construction through flat pattern.
4. To make students competent to stitch garments with elaborate patterns

Practical –

Practical 1 : Construction and Pattern Layout of Sari blouse with katori.

Practical 2 : Construction and pattern Layout of Kalidar kurta with Nehru placket opening & side pocket

Practical 3 : Construction and Pattern Layout of Culotte.

Practical 4 : Construction and Pattern Layout of Exhibition Garment

References:

- Pattern Making for Fashion design by Armstrong, Vikas Publishing House Pvt.Ltd. Delhi.
- Armstrong, H (2014) Ed. 5 th , Pattern Making for Fashion Design. Delhi India: Dorling
- Kindersley Private Limited, Doongaji, S &Deshpande, R. (1968).Basic Processes and
- Clothing Construction. India: New Raj Book Depot. McCall's. (1964).Sewing in Colour.
- London: The Hamlyn Publishing Group Ltd. Reader's Digest, (1993). Step by Step Guide

B. A. II, SEMESTER – IV

Course Category: SEC -IV

Course Name: Basic Computer

Course Number: 14

Course Code: BA U0325 SEC-IV P 2 1168 D14

Course Credits: 2

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. Demonstrate a basic understanding of computer hardware and software.
2. Demonstrate problem-solving skills.
3. Apply logical skills to programming in a variety of languages.
4. It helps to Utilize web technologies.
5. Demonstrate a basic understanding of network principles.
6. Apply the skills that are the focus of this program to business scenarios.

Theory : Module 1 & 2 = 1 Credits , Module 3 & 4= 1 Credits

Practical:

Module 1 : Arranging the design in coraldraw, and creating the print, texture, checks, flowers, using CorelDRAW tools.

Module 2 : Make a design for casual and formal wear.

Module 3 : AutoCAD

- i. Introduction to autocad,
- ii. Drawing design fundamentals (collars, cuffs, yokes,pockets,pleats),
- iii. Drawing basic shapes,
- iv. Saving and printing of design.

Reference Books :-

1. Computer Fundamentals by P.K. Sinha
2. Principles of Interactive Computer Graphics
3. Windows
4. Inside Autocad by Raker and H. Rice.
5. Autocad (ver. Release 14 or latest) and users guide
6. Corel Draw 10 for Windows by. Phyllis Davis and Steve Schwartz
7. Autocad 2006 – George Omura.

Course Category: Compulsory Course**Course name: Ability Enhancement Course (AEC), (English for Communication)****Course Number: Paper D/ 15****Course Code: BAU0325AEL303D04/ BA U0325 AEC-IV L 2 1168 D15****Course Credits: 02****Marks: Total Marks: 50 (Theory Exam: 40, Internal Exam: 10)****Course Objectives:**

- To introduce students with common errors in written English.
- To make the students able to identify errors related to use of articles, quantifiers, and prepositions.
- To enrich students' knowledge about subject-verb agreement.
- To develop essay writing skills of students.

Course Outcomes:

- Students are able find out the errors in written English.
- Students make proper use of articles, quantifiers, and prepositions.
- Students' knowledge about subject-verb agreement is enriched.
- Essay writing skill of students is developed.

Course Name: Ability Enhancement Compulsory Course (English for Communication)				
Module No.	Title of the Module	Subtitles of the Module	Hours	Marks
I	Common Errors in Written English	A. Errors related to the use of Articles B. Errors related to the use of Quantifiers C. Errors related to the use of Prepositions D. Errors related to Subject/Verb Agreement	15	20
II	Essay Writing	A. Introduction: Purpose and Process B. Brainstorming C. Opening the Essay D. Body of Information E. The Conclusion	15	20
Total			30	40

Theory Exam: 40 Marks**Internal Evaluation: 10 Marks**

Reference Books

Hudson, Richard A. *English Grammar*. London: Taylor & Francis Group Plc, 2004

Roy, Jennifer Rozines. *Sharpen your essay writing skills*. Berkeley Heights, NJ: Enslow Publishers, 2012.

Swartz, Richard. *Real writing: Essentials of effective essay writing*. Chicago: Contemporary Books, 1989.

Tanner, William Maddux. *Essays and Essay-Writing*. Franklin Classics Trade Press, 2018.

Yule, George. *Explaining English grammar*. Oxford [England]: Oxford University Press, 1998.

B. A. II, SEMESTER – IV**Course Category:** VEC-**EVS Course Name:**Environment Science **Course****Number:** 16**Course Code:** BA U0325 VEC L 2 1168 D16**Course Credits:** 4**Marks:** For 2 Credits: Semester End Theory : 40, Internal Assessment : 10 Total Marks: 50

Shivaji University, Kolhapur
Syllabus of
Environmental Studies
Compulsory Paper for all Undergraduate Courses
2025-2026

Syllabus is framed as per UGC Model Curriculum and University Guidelines for implementation of NEP-2020.

- 1) **Title of the Paper:** Environmental Studies
- 2) **Pattern:** IVth Semester
- 3) **Total Contact Hours:** 30 hours (2 Credits)
- 4) **Medium of Instruction:** English/ Marathi

5) Scheme of teaching and examination pattern

Class & Semester	Code	Name and type of the paper		L	Credits	Total Marks	Theory Examination	Internal Assessment
		Type	Name					
For All UG Program: Second Year: Semester-IV								
All UG Second Year (IV th Semester)	EVS	Value Education Course (VEC) with Credit	Environmental Studies	30	2	50	40	10
Nature Visits / Field Work / Field Tour/ Industrial visits of one day with handwritten report of Student may be conducted under internal assessment.								

4) Evaluation Scheme:

This subject examination has 50 marks out of which 40 marks will be for Theory Examination and 10 marks for Internal Assessment. Hence, the candidate must appear for internal evaluation of 10 marks and Theory Examination of 40 marks.

A) Internal Evaluation (College Assessment):

Marks for internal assessment shall be given based on Nature Visits / Field Work / Field Tour/ Industrial visits to study environmental aspects / Activities related to Campus environmental management activities with handwritten report of individual student is **Compulsory** under internals marks.

Following any one activity can also be considered for internal evaluation:

- Group Discussion on one national and one international case study related to the environment and sustainable development.
 - One day Nature Visit / Field Work / Field Tour/ Industrial visit including Data collection and a brief hand written report to be submitted.
- Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.
 - Visit to a local polluted mitigation site –Solid waste treatment plant, Wastewater Treatment plant, Organic fertiliser production site, Cleanliness drive etc.
 - Study of common plants, insects, birds and basic principles of identification.
 - Participation of students in any environmental protection related academic Discussion, workshop, conference, etc.
 - Campus environmental management activities such as Documentation of campus Biodiversity, solid waste disposal, Cleanliness drive, water and sewage treatment.

B) External Evaluation (Theory Examination):

Nature of Theory question paper:

1) Theory paper is of 40 marks for 2 Hrs.

2) Question paper nature/pattern as follows:

Q.1 Multiple Choice Questions each for one Marks	(10 M)
Q.2. Write the answer in Short (Any Five out of Six)	(10M)
Q.3. Write Short Notes on (Any Two out of Four)	(10M)
Q.4 Write the Answer in detail (Any Two out of Four)	(10M)
Total	40M

5) Standard of passing:

The standard of passing for a 40 marks Theory question paper is a minimum of 14 marks and for 10 marks internal examination is minimum 4 marks

Environmental Studies (VEC) For All UG Second Year 2025-26 onwards

Course Learning Objectives:

The objectives of the course are to:

1. Understand the scope and multidisciplinary nature of Environmental Science.
2. Recognize the structure and function of Ecosystems and understand the importance of biodiversity.
3. Get acquainted with the problems associated with natural resources and their conservation.
4. Familiarize the global environmental problems like climate change.

Course Outcomes:

Upon completion of the course, students will be able to:

- CO1:** Get acquainted with the scope and multidisciplinary nature of environmental science with the overall aim of sustainable development.
- CO2:** Understand the importance of ecosystems in the view of its conservation.
- CO3:** Know the values of natural resources with associated problems for sustainable lifestyles.
- CO4:** Familiarize the basics of Biodiversity and concerned issues in the context of Western Ghats.
- CO5:** Make aware of the pollution issues with its mitigation measures.

Semester IV

Total Contact Hours – 30

Unit 1. Nature of Environmental Science, Ecosystem, Natural Resources and Biodiversity conservation: (15 Hrs)

a. Nature of Environmental Science:

- Definition, scope, and importance
- Multidisciplinary nature of environmental studies
- Sustainable Development Goals (SDGs) , Concept of sustainable development

b. Ecosystem:

- Structure and function of an ecosystem,
- Energy flow in the ecosystem, Food chains, food webs , ecological pyramids
- Ecological succession. Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystems Degradation of ecosystems and its impacts.

c. Natural Resources:

- a. Classification of natural resources
- b. Forest resources: Use and over-exploitation, deforestation, forests and tribal people.
- c. Water resources: Use of surface and groundwater, Water scarcity and stress
- d. Water conservation: rainwater harvesting, watershed management
- e. Soil and Mineral resources: Soil as a resource and its degradation, Environmental effects of extracting and using mineral resources.
- f. Energy resources: Growing energy needs, Energy crisis, use of alternate energy sources,

d. Biodiversity and its conservation:

- a. Types: genetic, species, and ecosystem diversity,
- b. Bio-geographical classification of India,
- c. Value of biodiversity:
- d. India as a mega- diversity nation. Hot-spots of biodiversity, Western Ghats as a biodiversity region.
- e. Threats to biodiversity habitat loss, poaching of wildlife, man- wildlife, Conflicts, Endangered and endemic species of India.
- f. Conservation of biodiversity: In-situ and Ex-situ conservation

Unit 2.Environmental Pollution, Climate change and Environmental legislation**(10 Hrs)****a) Environmental Pollution:**

- Air pollution: Causes, effects and control measures
- Water pollution: Causes, effects and control measures, Marine pollution,
- Soil pollution: Causes, effects and control measures,
- Noise pollution: Causes, effects and control measures
- Solid waste Management: Causes, effects and control

b) Climate change: Causes, effects and mitigation

- Greenhouse gases, phenomenon of greenhouse effect and climate change,
- Impacts of climate change: on life, on ocean and land systems; Sea level rise, On forests and natural ecosystems; On agriculture, on Human health
- Mitigation of climate change: IPCC, Carbon foot print, Green House Gas (GHG) reduction, net zero targets for the future
- Energy efficiency measures; Renewable energy sources for carbon reduction

c) Environmental legislation:

Constitutional provisions- Article 48A, Article 51A (g), Environmental Protection Act.,

Air (Prevention and Control of Pollution) Act, Water (Prevention and control of Pollution) Act,

- **Nature Visits / Field Work /Field Tour/ Industrial visits / Campus environmental management Activities** **(5 hrs)**

Text Books:

1. Environmental Studies E-Text Book (Marathi and English Medium) Shivaji University, Kolhapur
2. Environmental Studies – UGC- Text Book for Undergraduate Courses for all Branches of Higher Education – Erach Bharucha, Bharti Vidyapeeth Institute of Environment Education and Research, Pune
3. A Textbook of Environmental Studies, January 2006 Ahmed Khan ABD Publishers

References:

1. Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. Science, 339: 36-37.
2. McNeill, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century.
3. Odum, E.P., Odum, H.T. & Andrews, J. 1971. Fundamentals of Ecology. Philadelphia: Saunders.
4. Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. Environmental and

- Pollution Science. Academic Press.
6. Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. Environment. 8th edition. John Wiley & Sons.
 7. Rosencranz, A., Divan, S., & Noble, M. L. 2001. Environmental law and policy in India. Tripathi 1992.
 8. Sengupta, R. 2003. Ecology and economics: An approach to sustainable development. OUP.
 9. Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi.
 10. Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. Conservation Biology: Voices from the Tropics. John Wiley & Sons.
 11. World Commission on Environment and Development. 1987. Our Common Future. Oxford University Press.

ACTIVITIES AND EXERCISES SUGGESTED FOR INTERNAL ASSESSMENT:

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- Any other exercise/activity approved by concerned teacher.

B) TEMPLATE FOR FIELD PROJECT:**Type:** Field Project**Course Name:** (Example: FieldProject) **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)

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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.**

B) 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.
- Indian 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 development.

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, industry academia 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, organizations, 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 (all 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 reputed 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.

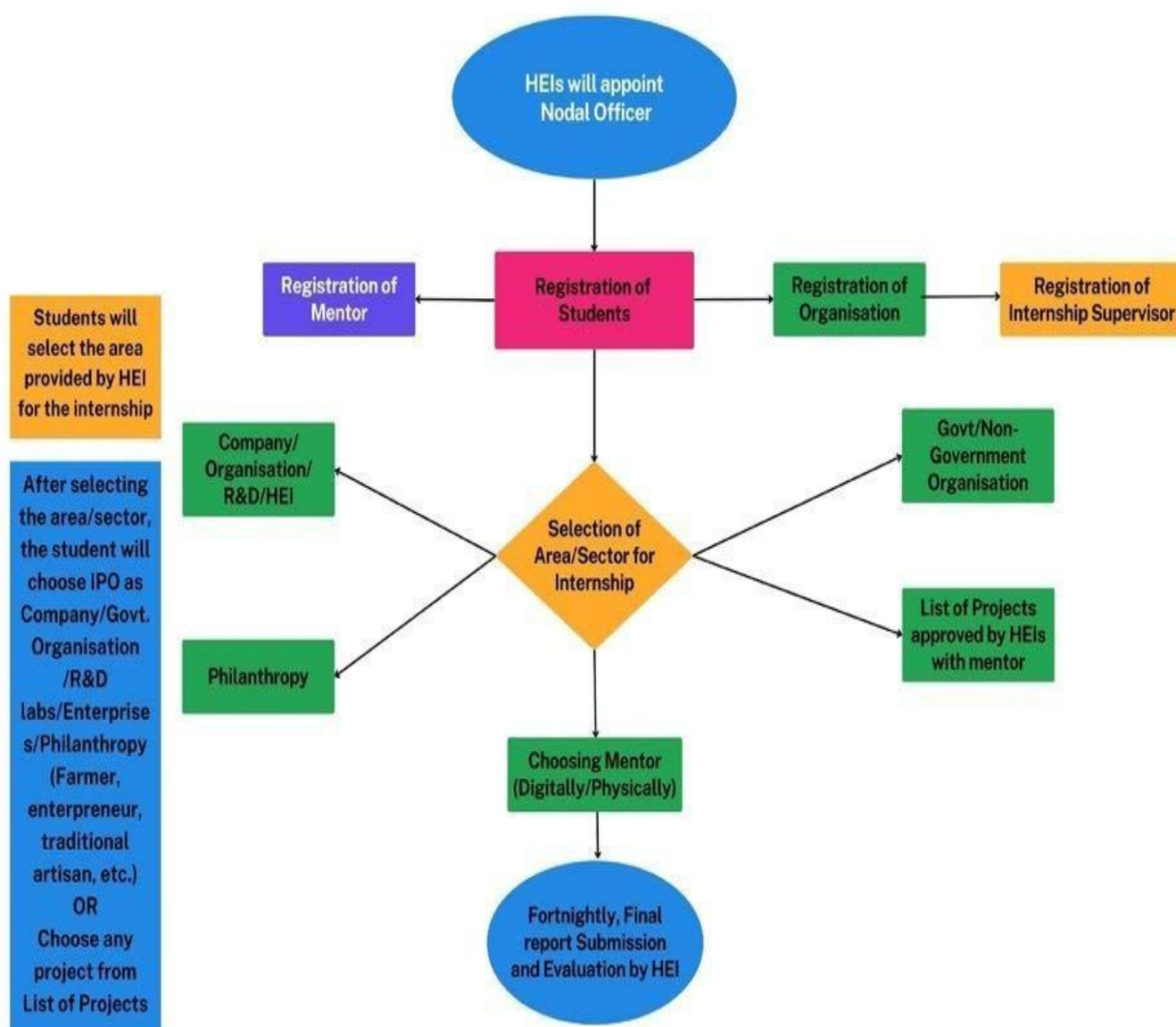
10. The students can make use of summer & winter breaks for internship so that their academic credits do not get affected in terms of attendance and other assignments.

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	<ul style="list-style-type: none"> • 3-year UG degree • 4-year UG degree (Honours) • 4-year UG Degree (Honours with Research) 	After (4 th) Semester	60 -120 hours	<ul style="list-style-type: none"> • 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)	8 th Semester	One Semester	<ul style="list-style-type: none"> • 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 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.

EVALUATION OF INTERNSHIP:

On the Job Internship (OJT)	Research Internship
<p>1. The evaluation of the internship will be carried out at the following stages:</p> <p>Stage 1: The interns will be evaluated by research internship supervisor based on their efforts and research output.</p> <p>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.</p> <ol style="list-style-type: none"> Activity logbook (<i>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</i>) and evaluation report of Internship Supervisor Format of presentation and the quality of the intern's report <ol style="list-style-type: none"> Acquisition of skill sets by the intern Originality and any innovative contribution Significance of research outcomes Attendance 	<ol style="list-style-type: none"> Activity logbook (<i>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</i>) 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. Internship offered by the organisation should be followed by one project report and the assessment on evaluation can be judged based on <ol style="list-style-type: none"> Innovativeness of Research Presentation and Viva-Voce 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:

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.**

For Example:**Psychology:**

The On-the-Job Training Report format may be as follows:

Student's Name: -----
 Name Of the College: -----
 Class: -----Semester: -----
 Subject: -----Seat Number: -----
 Year: -----Duration of Internship: -----
 Internship Site/ Name of the Institution: -----
 Institute Supervisor's Name: -----
 College Teacher who supervised: -----

Introduction:

This section should provide the area of interest, its' importance in contemporary world, the reasons for choosing this area as well as the institution/organization/consultant/professional etc. .

Description of the organization:

This section should provide a brief overview of the organization where the internship will take place, including its mission, goals, and services and experience.

Duties and responsibilities:

This section should describe the specific tasks and responsibilities the student had during the internship, as well as any notable projects or activities they were involved in.

Reflection on learning outcomes and accomplishments:

This section should highlight the key learning and accomplishments the student achieved during the internship (skills, knowledge, attitude etc.). The student is expected to provide an in-depth reflection on the overall growth and impact of training.

Areas for improvement:

This section should address areas for improvement the student seen by himself/herself during the internship. He/she should reflect on how to overcome these challenges or plan strategies for improvement.

Conclusion:

This section should summarize the key takeaways from the internship experience.

Appendices:

This section should include following documents:

- Formal permission letter by Concerned Teacher/Guide sent to concerned Institution/Organization/Professional/Consultant etc.
- Formal Acceptance Letter by Institution/Organization/Professional/Consultant etc. for Training.
- Activity Log Book (which may contain Attendance sheet with Day, Date, Time, Number of Hours, Brief description of Training/ Learning activities, Responsibilities taken, Signature of Institutional Authority, Signature of Concerned Teacher).
- Google Tagged photos of showing Attendance as well as Doing Work
- Compliance Certificate with remarks duly signed by Institutional Authority
- Other supporting material

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.**

B.A (DMFC) Programme Structure for Level 4.5 OF B.A. – 2- SEMESTER – III									
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
Major – III	2	2	2	1.5	40	16	Assignment	10	4
Major – IV	2	2	2	1.5	40	16		10	4
Minor	2	2	2	1.5	40	16		10	4
OE – 3	2	2	2	1.5	40	16		10	4
VSC – I	---	---	---	---	---	--		---	---
SEC – III	---	---	---	---	---	---		---	---
AEC-ENG-III	2	2	2	1.5	40	16		10	4
IKS (Specific)	2	2	2	1.5	40	16		10	4
TOTAL	12	12	12	---	240	---	---	60	---
Practical (PR)				Semester End Examination (SEE)			External Assessment (EA)		
COURSE TYPE	No. of Lectures	Hours	Credit	Paper Hours	Max	Min	External	Max	Min
Major – III	4	4	2	3	35	14	Viva-Voce	15	6
Major – IV	4	4	2	3	35	14		15	6
Minor	4	4	2	3	35	14		15	6
OE – 3	---	---	---	---	---	---		---	---
VSC - I	4	4	4	6	35	14		15	6
SEC – III	4	4	2	3	35	14		15	6
AEC-ENG-III	---	---	---	---	---	---		---	---
IKS (Specific)	---	---	---	---	---	---		---	---
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. – 2- SEMESTER – IV									
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
Major – V	2	2	2	1.5	40	16	Assignment	10	4
Major – VI	2	2	2	1.5	40	16		10	4
Minor	2	2	2	1.5	40	16		10	4
OE – 4	2	2	2	1.5	40	16		10	4
VSC - II	---	---	---	---	---	---		---	---
SEC – IV	---	---	---	---	---	---		---	---
AEC-ENG-IV	2	2	2	1.5	40	16		10	4
VEC-EVS	2	2	2	1.5	40	16		10	4
TOTAL	12	12	12	---	240	---	---	60	---
Practical (PR)				Semester End Examination (SEE)			External Assessment (EA)		
COURSE TYPE	No. of Lectures	Hours	Credit	Paper Hours	Max	Min	External	Max	Min
Major – V	4	4	2	3	35	14	Viva-Voce	15	6
Major – VI	4	4	2	3	35	14		15	6
Minor	4	4	2	3	35	14		15	6
OE – 4	---	---	---	---	---	---		---	---
VSC - II	4	4	2	6	35	14		15	6
SEC – IV	4	4	2	3	35	14		15	6
AEC-ENG-IV	---	---	---	---	---	---		---	---
VEC-EVS	---	---	---	---	---	---		---	---
TOTAL	20	20	10	---	180	---	---	70	---
GRAND TOTAL	(12+20) 32	(12+20) 32	(12+10) 22	---	(240+180) 420	---	---	(60+70) 130	---
								SEE + IA =	
(TH + PR)								420 + 130 = 550	

Note:

- **Major:** Mandatory / Elective
- **Minor:** Course may be 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

