SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

Official Publication of Sant Gadge Baba Amravati University

PART- ONE

(Extra Ordinary)

Wednesday, the 22nd April, 2026

DIRECTION

No. : 24/2026. Date :- 22/04/2026

Subject: The Uniform Structure regarding the Scheme of Teaching, Learning, Examination and Evaluation and the provisions of Ordinance for the Under Graduate Programmes of all the Four Faculties of the University pertaining to the NEP - 2020 as per NEP -ANNEXURE along with Appendix - 1 to 12 appended with this Direction (except Professional Programmes and Programmes regulated by the Apex Bodies), Direction , 2026

Whereas, the Academic Council in its meeting dated 08/07/2025 vide Item No.2, has resolved to Constitute a Study Group from the members of the Academic Council,,

AND

Whereas, the series of meetings were conducted of the above said Study Group on 29/10/2025, 17/12/2025 and 05/01/2026,

AND

Whereas, the Report of the Study Group which was put forth by the Chairman of the Study Group was discussed in detail in the emergent meeting of the Academic Council dated 29/01/2026 vide Item No. 1,

AND

Whereas, the Academic Council resolved to further refer the report to the Study Group so that the Report should get updated and be submitted to the ensuing Academic Council,

AND

Whereas, as per the resolution of the Academic Council, the series of meetings of Study Group were held on 05/02/2026, 26/02/2026 and 10/03/2026,

AND

Whereas, the Academic Council, in its meeting dated 02/04/2026 vide Item No.3 has considered the Revised Report along with the syllabus of IKS and other Common Verticals and the members suggested some corrections in that,

AND

Whereas, the Academic Council approved the revised report of the Study Group resolved that the Chairman shall be authorized to carry out the corrections as mentioned by the comprising members and submit the Final Report, which is to be circulated amongst all the Board of Studies/Ad-hoc Committties of all the four Faculties to which NEP -2020 has been implemented,

AND

Whereas, the above recommendations of the Study Group are to be implemented from the Academic Session 2026-2027,

AND

Whereas, the final Report of the Study Group regarding the Scheme of teaching, learning, examination and evaluation which is common to all the four Faculties and provisions of Ordinance is to be regulated by framing the new Ordinance / Regulation,

AND

Whereas, making / framing an Ordinance/Regulation is/are a time consuming process.

Now, therefore I, Dr. Milind Barhate, Vice-Chancellor, Sant Gadge Baba Amravati University, Amravati in exercise of powers conferred upon me under Sub-section (8) of Section 12 of the Maharashtra Public Universities Act, 2016 do hereby direct as under -

This Direction may be called, "**The Uniform Structure regarding the Scheme of Teaching, Learning, Examination and Evaluation and the provisions of Ordinance for the Under Graduate Programmes of all the Four Faculties of the University pertaining to the NEP - 2020 as per NEP -ANNEXURE along with Appendix - 1 to 12 appended with this Direction (except Professional Programmes and Programmes regulated by the Apex Bodies), Direction , 2026"**

1. This Direction shall come into force from the Academic Sessions as follows :
   i) Academic Session 2026-2027 for Semester – I to Semester VI,
   ii) Academic Session 2027-2028 for Semester – VII & Semester VIII

Sd/-
(Dr. Milind Barhate)
Vice-Chancellor

Date - 22/04/2026.

NATIONAL EDUCATION POLICY

(NEP-2020)

Scheme of Implementation for

Three /Four Year Undergraduate Degree Programme

Inthe Faculties of

(i) Science and Technology (Science Group)
(ii) Commerce and Management
(iii) Humanities
(iv) Interdisciplinary Studies

Sant Gadge Baba Amravati University

Amravati, Maharashtra

Commencement Year: 2024– 2025

Revised From: 2026-27

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ANNEXURE-*nep*

Sant Gadge Baba Amravati University, Amravati

NEP - 2020: Scheme of Implementation for Three /Four Year Undergraduate Degree Programme

NEP Implementation in First Phase:

Applicability: This scheme shall be applicable to all the undergraduate Programmes of all four faculties of studies. The Department Specific Core (DSC) concept shall be implemented at non-autonomous affiliated colleges for the programmes covered under all four faculties of studies.

Objective: The structure of the Three/ Four – year Bachelor's Degree Programme alters the opportunity to students to experience the full range of holistic and multi-disciplinary education in addition to a focus on the chosen **Major** and **Minor** as per their choices and the feasibility of exploring learning abilities.

Explanation:

(a) Major (Core) Subject 60 – 64 Credits: It is the discipline or subject of main focus and the degree will be awarded in that discipline/Subject. For example: B.Sc. (Botany), B.Sc. (Zoology), B.Sc. (Computer Science), B.C.A. (Artificial Intelligence), BA (History), B.Com. (Accounting & Taxation) etc. Students shall have to secure a minimum 50% of total Credits through Core Courses (mandatory courses, electives, vocational courses, Major Specific IKS, Internship/ Field Projects/ Apprenticeship/ Community Engagement Projects, Seminars, and Group Discussion).

(b) Minor Subject 18-24 Credits: Minor subjects will be subjects focusing on multidisciplinary education as expected in the NEP-2020. The student choosing department specific core (DSC) may choose Minor from same faculty or faculty unrelated to the Major, but something that complements the Major.

For example, student opting Botany as a Major, may choose, Minor of Chemistry/ Zoology/Environmental Science/Microbiology as Minor.

(c) Generic/Open Elective Course (GE/OE) 10-12 Credits:A student is required to select an 'Generic/Open Elective Course' from the 'Generic/ Open Elective Course Basket' of any programme offered by the university from the faculty other than that ofthe faculty of the Major and Minor subjects.

Student shall declare his/her choice of GOEC before filling the examination form for the semester concerned.

(d) Vocational and Skill Enhancement Courses (VSEC) 14 – 16 Credits:

i. **Vocational Skill Course (VSC) 8-10 Credits:** Wherever applicable vocational courses will include skills based on advanced laboratory practical of Major. A student is required to successfully complete the 'VOCATIONAL SKILL COURSE' as mentioned in this scheme of examination. This course must be a course corresponding to the 'MAJOR/MINOR' subject selected by a student for his Semester I and II.

From the Semester III onwards, VSEC must be corresponding to MAJOR.

ii. **Skill Enhancement Course (SEC) – 6 Credits:** A student is required to select a 'SKILL ENHANCEMENT COURSE' as per the Teaching, Learning Scheme (Appendix 9) from the basket provided by the university.

(e) Ability Enhancement Courses (AEC), Indian Knowledge System (IKS) and Value Education Courses (VEC) - 14 Credits:

i. **Ability Enhancement Course (AEC)- 08 Credits:** A student is required to undergo and successfully complete the 'ABILITY ENHANCEMENT COURSE' as English for 04 Credits and Modern Indian Language for 04 Credits.

ii. **Generic IKS Course - 02 Credit:** These are expected to contain basic knowledge of the Indian Knowledge System (IKS). It should contain introductory information to the IKS. The student should be able to acquire a basic knowledge after completion of the course.

*(**Subject Specific IKS Course:** This is 2 Credit courses should contain advanced information pertaining to the subject as these will be considered as a part of the Major Credit. The student should have completed the Generic level as a prerequisite before enrolling in the discipline related course)*

iii. **Value Education Courses (VEC) - 04 Credits:** Value Education Courses (VEC) are such as Understanding India, Environmental Science/Education, and Digital and Technological Solutions. A student is required to undergo and successfully complete the VEC.

(f) Field Projects/ Internship/ Apprenticeship/ Community Engagement andService corresponding to the Major (Core) Subject, Co-curricular Courses (CC)and Research Project:

These verticals of Major are to be completed by the student under the supervision of mentor faculty as per Teaching Learning Scheme.

Credit Structure:

The Minimum and Maximum Credit Structure for different level under the Three/Four-year UG Degree Programme with multiple entry and multiple exit option shall be as per **Table 1**

Table 1: The Minimum and Maximum Credit Structure with exit option

Levels	Qualification Title	Credit Offered		Semester	Year	For exit and continuance shall have to
		Minimum	Maximum			
4.5	UG Certificate (on exit)	40	44	2	1	Additional 4 Credits are earned from the concerned DSC related NSQF aligned course/ Internship/ Apprenticeship/ Field Project OR student may opt to continue further with Major and Minor.
5.0	UG Diploma (on exit)	80	88	4	2	Additional 4 Credits shall have to earn from the concerned DSC related NSQF aligned course/ Internship/ Apprenticeship/Field Project OR student may opt to continue further with Major and Minor.
5.5	Three Year Bachelor's Degree	120	132	6	3	Award of Three Year UG Degree in Major after successful completion of Programme.
Explanation: Degree Completion Requirements: Students must accrue a minimum of 120 credits from the possible 132 to fulfill the requirements for graduation in the Three-Year Degree Programme. Attainment of all credits allocated to the Major and Minor disciplines is compulsory for degree conferral. The student has to undertake the teaching learning for all 132 credits however the degree may be awarded even if he may not be able to successfullycomplete the evaluation of 06 credits from GOEC, 04 Credits from CC, 02 credits from Skill Enhancement Courses.						
6.0	Bachelor's Degree–Honors	160	176	8	4	Award of Honors Degree in Major after successful completion of Programme.
	OR					
6.0	Bachelor's Degree–Research	160-176		8	4	Award of Honors with Research Degree in Major after successful completion of Programme.

Implementation Year

The revised structure of ANNEXURE-*nep* shall be applicable to all the years of all UG programmes of all four faculties of studies simultaneously (Semester I to VI) from academic year 2026-27

The fourth year of Four-year UG programme

The fourth year of the Four-year UG programme will not be granted to any such college as 'natural growth'. The affiliated colleges conducting 3-year UG degree programme will seek permission to commence fourth year of UG programme as extension by following the prevailing statutory procedures. However, colleges already having permission and recognition for the PG degree programme along with UG degree programme in the same Major shall be automatically allowed to continue PG degree programme and conduct the fourth year of UG Honors Degree programme without undergoing any additional procedures.

Similarly, the colleges with approved / recognized Ph.D. Research Centre shall be automatically allowed to continue PG Degree programme and start the fourth year of UG Honors with Research Degree programme without undergoing any additional procedures. For students of colleges running only Three-year UG Degree Programme, the University shall evolve suitable mechanisms for admission to fourth-year honors program in other Colleges shall be evolved by the University separately.

The NEP 2020 curriculum framework offers:

i. The flexibility to move from one discipline of study to another.

ii. The opportunity for learners to choose the courses of their interest in all.

iii. The multiple entry and exit options with the award of UG certificate/ UG diploma/ or Three-year degree depending upon the number of Credits secured.

iv. The flexibility for learners to move from one institution to another to enable them to have multi and/or interdisciplinary learning.

v. The flexibility to switch to alternative modes of learning (offline, ODL, and Online learning, and hybrid modes of learning).

Table 2: Credit distribution

Vertical	Vertical Type	Credit Distribution I	II		III	IV	V	VI	Total Credits	Grand Total
	(i) Three-year UG Degree Programme (Level 4.5.to 5.5)									
A	**Major**	4	4	Major	6	8	8	8	**38**	**48**
	(DSC) **60-64**			IKS	2				**2**	
	(Minimum 50% of Total Credits)			Elective	0	0	4	4	**8**	
B	**Minor** (from same faculty of DSC) **18-24**	4	4		4	4	4	4	**24**	**24**
C	**Generic/ Open Elective Courses (OE)** (faculty wise Basket Other than faculty of Major/Minor Subject) **10-12**	4	4		2	2	0	0	**12**	**12**
D	**(i)Vocational Skill Courses (VSEC)** corresponding to Major /Minor (Skill based/ Advance Practical wherever applicable) **8-10**	0	2		2	2	2	2	**10**	**16**
	(ii) Skill Enhancement Courses - SEC (Basket of skill courses approved by the University) **6**	2	2		0	0	2	0	**6**	
E	**(i)Ability Enhancement Courses** (AEC)- Focus: Linguistic & Communication Skills (Eng.+ Modern Indian Language) **8**	1+1	1+1		1+1	1+1	0	0	**8**	**14**
	(ii)Indian Knowledge System (IKS) 2 (Generic)	2	0		0	0	0	0	**2**	
	(iii)Value Education Courses (VEC) *Understanding India, EVS, Digital & Technological Solution*. **4**	2	2		0	0	0	0	**4**	
F	**(i) Internships/ Apprenticeship** corresponding to Major **8 OJT**	0	0		0	0	0	4	**4**	**18**
	(ii)Field Projects/Community Engagement & Service(CEP) corresponding to Major **4-6**	0	0		2	2	2	0	**6**	
	(iii) Co-curricular courses (CC) (health & wellness, yoga education, sports, fitness, cultural activities, NSS/NCC & Fine/ Applied/ Visual/ Performing Arts **8**	2	2		2	2	0	0	**8**	
	Total Credits	22	22		22	22	22	22	132	**132**

(ii) Four-year UG Degree programme (Level 6.0)
Honors Degree in Major or Minor

Vertical Type			Semester VII	Semester VIII	
Major (Offered at Three-year UG Programme)	**Mandatory**		**12-14 (2*4+2*2 or 3*4+2)**	**12-14 (2*4+2*2 or 3*4+2)**	**28**
	Elective		4	4	8

	Research Methodology (RM)		4	0	4
	On the Job Training (OJT)		0	4	4
	Total		**22**	**22**	**44**
	Cumulative		**176**		
			(132+44)		
	(ii) Four-year UG Degree Programme (Level 6.0) **B.Honors with Research Degree in Major or Minor**				
	Vertical Type		**Semester VII**	**Semester VIII**	
	Major (Offered at Three-year UG Programme) **Mandatory**		8-10 (2*4+2 or 2*4)	8-10 (2*4+2 or 2*4)	20
	Elective		4	4	8
	Research Methodology (RM)		4	0	4
	Research Project (RP)		4	8	12
	Total		**22**	**22**	**44**
	Cumulative		**(132+44) 176**		

Abbreviations: Generic/ Open Electives (GE/OE); Vocational Skill and Skill Enhancement Courses (VSEC); Vocational Skill Courses (VSC); Skill Enhancement Courses (SEC); Ability Enhancement Courses (AEC); Indian Knowledge System (IKS); Value Education Courses (VEC); On the Job Training (OJT): Internship/ Apprenticeship (INT/APP); Field projects (FP); Community Engagement and Service (CEP); Co-curricular Courses (CC); Research Methodology (RM); Research Project (RP); MIL: Modern Indian Language

The student has to finalize his choice of selecting one subject as a Major and another as a Minor at the entry point i.e.at the time seeking admission to UG Program. However, in exceptional situation, depending upon the availability of seats he may convert his major into minor and vice-versa at the time of confirmation of admission to Semester III. From this point onwards **the Major & Minor so finalized shall remain same till the end Sixth Semester.**

Table 3: BoS-Major-Vocational Skill Courses Curriculum Designing

The respective BoS should decide the titles for vertical a Major and d (i) Vocational Skill Courses for the respective disciplines

Verticals	Credit	Science & Technology	Commerce	Humanities & Interdisciplinary
Major	Credit	Theory+Practical	Theory	Theory (papers of 4 credit)
I	4	1 paper of 2 credit + 1 practical of 2 credit	2 papers of 2 credit each	1 paper of 4 credit each
II	4	1 paper of 2 credit + 1 practical of 2 credit	2 papers of 2 credit each	1 paper of 4 credit each
III	6	2 papers of 2 credit each+ 1 practical of 2 credits	03 papers of 2 credit each	1 paper of 4 credit + 1 paper of 2 credit
IKS	2	1 paper of 02 credit		
IV	8	03 papers of 2 credit each + 1 practical of 2 credit	04 papers of 2 credit each	2 papers of 4 credit each
V	08	3 papers of 2 credit each+ 1 practical of 2 credit each	4 papers of 2 credit each	2 papers of 4 credit each
Elective	04	1 paper of 2 credit each+ 1 practical of 2 credit each	2 papers of 2 credit each	1 paper of 4 credit each
VI	08	3 papers of 2 credit each+	4 papers of 2 credit	2 papers of 4 credit

		1 practical of 2 credit each	each	each
Elective	04	1 paper of 2 credit each+ 1 practical of 2 credit each	2 papers of 2 credit each	1 paper of 4 credit each
Total	48	16 papers +08practical's of 50 marks each	24 titles of 50 marks each	11 titles of 100 marks each and 02 titles of 50 marks each
Vocational Skill Courses		05 titles of theory/practical as applicable of 02 credits - 50 marks each		

Wherever practical is prescribed in any course/theory of the discipline/subject of the faculty of Commerce and Management, Humanities and Interdisciplinary Studies the pattern of credit allotment to theory and practical shall be as per the faculty of science and technology.

Table 4 BoS-Vertical Minor-curriculum designing scope

The respective BoS should decide the titles for vertical b minor for the respective disciplines

Verticals	Credit	Science & Technology	Commerce	Humanities & Interdisciplinary
Minor	Credit	Theory+Practical	Theory	Theory (papers of 4 credit)
I	4	1 paper of 2 credit + 1 practical of 2 credit	2 papers of 2 credit each	1 paper of 4 credit each
II	4	1 paper of 2 credit + 1 practical of 2 credit	2 papers of 2 credit each	1 paper of 4 credit each
III	4	1 paper of 2 credit + 1 practical of 2 credit	2 papers of 2 credit each	1 paper of 4 credit each
IV	4	1 paper of 2 credit + 1 practical of 2 credit	2 papers of 2 credit each	1 paper of 4 credit each
V	4	1 paper of 2 credit + 1 practical of 2 credit	2 papers of 2 credit each	1 paper of 4 credit each
VI	4	1 paper of 2 credit + 1 practical of 2 credit	2 papers of 2 credit each	1 paper of 4 credit each
	24	06 titles of theory+06 titles of practical 50 marks each	12 titles of 50 marks each	06 titles of 100 marks each

The board of studies (languages) where the number of teachers and students is very few at the University Level, the option of designing one Major and one Minor may be provided. For example for Pali language and Pali Literature, the respective BoS may go for either of the one as Major and other being minor.

Vertical c GOEC and Vertical d (ii) Skill Enhancement Courses: - The contribution of titles to GOEC and SKILL Enhancement Courses should be optional to various Board of Studies. However, the various BoS should develop their own basket for these verticals so that the students from various disciplines should have suitable options and the teaching faculty members will have a sufficient opportunity of engaging academic work load (06 titles of 02 credits each for GOEC, and 03 titles of 02 credits each for Skill Enhancement Courses).

Vertical e (i) **Ability Enhancement Courses:** The existing pattern of designing syllabus of AEC English and AEC MIL by respective boards of languages in all three faculties of studies should be retain as it is. However, the student shall have the choice to opt AEC syllabus of any faculty irrespective of his faculty/discipline of studies.

Vertical e (ii) & (iii) The syllabus of vertical e (ii) IKS Generic and e (iii) Value Education should be uniform and common for the students of all the faculties of studies as appended herewith (Appendix-)

Credit Specifications (Calculation of Workload)

- As per National Credit Framework learners(student) engaged time for 40 Credits is 1200 Hrs.
- The old method of calculating teaching workload is now replaced by the Credit Based Calculations of Teaching Workload and Essential Requirement of Teacher – Student Ratio (TSR) / Faculty – Student Ratio (FSR).
- Workload (Teaching/ contactHours) based on Credits of the **Discipline / Subject** for **Six verticals of Education** spread over Six / Eight semesters (Three / Four Years) shall be as per **Table-3**

Table 5: Calculation of Workload

Sr. No.	The Vertical		Workload / Semester	
			Classroom (Theory)	**Laboratory (Practical)**
a	Major		1 Credit = 1 Hr / week	1 Credit = 2 Hrs / week
b	Minor		1 Credit = 1 Hr / week	1 Credit = 2 Hrs / week
c	Generic / Open Elective		1 Credit = 1 Hr / week	1Credit = 2 Hrs / week
d	(i) VSC -Major		1 Credit = 1 Hr / week	1 Credit = 2 Hrs / week
	(ii) SEC		1 Credit = 1 Hr/ week	1 Credit = 2 Hrs / week
e	(i) AEC	English	--	1 Credit = 2 Hr/ week
		MIL		1 Credit = 2 Hr/ week
	(ii) IKS-Generic	English	1 Credit = 1 Hr / week	--
		MIL	1 Credit = 1 Hr / week	
	(iii) VEC	English	1 Credit = 1 Hr/ week	--
		MIL	1 Credit = 1 Hr/ week	
f	(i) Internship / Apprenticeship(OJT) -Major		---	1 Credit = 2 Hrs/ week (30 Hrs. of engaged time)
	(ii) FP / CEP (Major)	FP	----	1 Credit = 2 Hrs/ week (A minimum of 45Hrs. of learning activities perCredit in a semester)
		CE&S		1 Credit = 2 Hrs/Week (Cumulative 30 Hrs. of contact time per Credit)
	(iii) CC	English	1 Credit = 1 Hr/ week	1 Credit = 2 Hrs/ week (A minimum of 30 Hrs. of learning activities per Credit in a semester)
		MIL		

CC component may be allotted to English or Modern Indian Language teaching faculty or any teacher from any Discipline / Subject available in HEI.

For subjects like Music and performing arts (dance, drama etc.) the BoS may have a choice to opt for classroom (theory) pattern.

Eligibility and Admission (Choice of Major and Minor Discipline/Subject):

1. Eligibility for admission to Three-year UG Program in the faculty of Science & Technology (Science Group), Commerce & Management, Humanities and Interdisciplinary studies shall be as mentioned in **Table** .

Table 6: Program wise Disciplines / Subjects and their Eligibility/ Prerequisite

Faculty	Name of the Program	Disciplines/ Subjects	Eligibility/ Prerequisite
Science & Technology (Science Group)	B.Sc./B.C.A.	Appendix 1	Appendix 1
Commerce & Management	B.Com./B.B.A.	Appendix 2	Appendix 3
Humanities	B.A.	Appendix 3	Appendix 3
IDS		Appendix 4	Appendix 4

2. After confirmation of eligibility the candidate shall have to confirm the choice of Major discipline/
subject from the list of disciplines/subjects available in the HEI.
3. The Student shall have to select Major/Minor subject as perAppendix 1 and Appendix 5.
4. Further, preferably before the admission in the Major, the students shall confirm within a two-week duration (Not Later than the last date of admission) his/her choice to opt for Generic/Open Elective (Other than faculty of Major/Minor) from the same HEI.

However, if the Generic/ Open Elective Course is not available in that HEI, the student shall have to make application to the Principal in this regard. NEP Working committee of the HEI, shall finalize and allow the student to opt for Generic /Open Elective from the HEI in the proximity of the HEI where the student is admitted for Major/Minor.

In exceptional cases, the student will be allowed for instructions of Generic/Open Elective in online mode. The examination of Generic/Open Elective shall be conducted as per university rule.

The student may pursue his/her studies instead of Generic/Open Elective by choosing Credit based MOOC on SWAYAM platform **unrelated** to the faculty of Major/Minor subject. Credits shall be provided as approved by relevant Board of Studies.

Table 7: Choices for selection of Minors

Sr. No.	Faculty	Major Discipline/ Subject with which the choice of Minor is mentioned	For selection of the Minor (other than Major) available in the HEI student shall refer
1	Science & Technology	Appendix 5	Appendix 5
2	Commerce & Management	Appendix 6	Appendix 6
3	Humanities	Appendix 7	Appendix 7
4	Interdisciplinary Studies	Appendix 8	Appendix 8

Enrollment and Registration of Students on ABC

Creation of ABC ID: Credits awarded to a student from one program from an institution may be transferred/ redeemed by another institution upon the students consent through ABC. Therefore, it is essential to all students to enroll on ABC, Create ABC ID and share ABC ID with academic institution where he/she admitted.

Credit Transfer Mechanism: Credit Transfer Mechanism comprising of Credit Accumulation, Credit Recognition, Credit Redemptionand Credit Transfer shall be as prescribed.

Teaching Learning Scheme:

The Teaching Learning Scheme for all six verticals of all semesters shall be as per **Appendix–9**appended with this **ANNEXURE-*nep***.

Examination and Assessment Process:

i. The basic principle of the Credit framework is that Credits are a function of the successful completion of a program of study/ vocational education/ training and assessment. No Credit can be earned by the student unless the student is assessed for the achievement of the desired competencies and outcome of a program.

ii. Exit options are provided with Certificate, Diploma and Basic Bachelor's degrees to the students at the end of the second, fourth and sixth semesters of a Four Years Multidisciplinary Degree Programme. Students will receive a Bachelor's degree with Honors/ Research on successfully completing of all eight semesters of the UG Program either at a stretch or with opted exits and re-entries.

iii. For the smooth success of four-year degree programme with multiple entry and exit systems, the examination mode should be based on the combination of innovative trends in formative (informal and formal tests administered during the learning process) and summative (evaluation of students learning at the end of an instructional unit) examination modes in line with the UGC Report on 'Evaluation Reforms in Higher Educational Institutions (2019).

Examination, Evaluation and Assessment Scheme

The total marks for each Course shall be based on Continuous Assessment and Semester End Examination.

Each theory course of Major, Minor, GE/OE, AEC, IKS, VEC as mentioned in **Appendix 9** prepared by the respective Board of Studies shall be evaluated as per the scheme as mentioned in the **Table**

Table 8: Examination, Evaluation and Assessment Scheme

Vertical No.	The Vertical	Mode of Examination, Evaluation & Assessment	Theory				Theory (Total)		Practical				Practical (Total)	
			External		Internal				External		Internal			
			Max. Marks	Min. Marks	Max. Marks	Min. Marks	Max. Marks	Min. Marks	Max. Marks	Min. Marks	Max. Marks	Min. Marks	Max. Marks	Min. Marks
A	Major	External & Internal	30/60	9/18	20/40	6/12	50/100	20/40	25/50	10/20	25/50	10/20	25/50	10/20
B	Minor		30/60	9/18	20/40	6/12	50/100	20/40	25/50	10/20	25/50	10/20	25/50	10/20
C	Generic/ Open Elective	Internal			50	20	50	20	--	--	50	20	50	20
D	VSC	Internal			50	20	50	20			50	20	50	20
	SEC	Internal	--	--	50	20	50	20			50	20	50	20
e	AEC (Eng. & One MIL Composite)	Internal			50	20	50	20						
	IKS (Generic)	Internal			50	20	50	20						
	VEC	Internal												
F	Internship/ Apprenticeship	Internal	Assessment of these verticals shall be based on various activities/practices. The evaluation/assessment shall be done by appointing external examiner by principal from Industry/Organisation/Academia. The mentor faculty shall be the internal examiner. It shall be evaluated by giving maximum 50 marks per 2 Credit Course with separate activity weightages/levels. A detailed SOP for this assessment process shall be prescribed separately.											
	FP/CEP													
	CC													

Continuous Assessment Tests (CAT)

For internal assessment, the Continuous Assessment Tests (CAT) shall be conducted as under-

i. Three CAT each of 8 / 10 Marks (Theory) as applicable and 10 Marks (Practical).
   - First on completion of 25% Syllabus of the course or on completion of 25 teaching days,
   - Second on completion of 50% Syllabus of the course or on completion of 50 teaching days,
   - Third on completion of 75% Syllabus of the course or on completion of 75 teaching days.

ii. Each concurrent assessment (CAT-I, II & III) will be mapped to relevant Course Learning Outcome.

iii. Total Performance in CAT (i.e.40 %) shall be based on the **best two out of three** in CAT examinations

iv. Internal assessment (CAT) shall be carried out by the respective course teacher by choosing variety of assessment tools/methods such as class test, record book, seminar, case study, field work, mini project work, quiz or any innovative method, which may be deemed to be appropriate for assessing the relevant course outcome.

Conduction of the Examination:

As per the scheme of teaching, learning, examination and evaluation, theory/practicalexaminations of Semester-I, II, III, IV, V, VI, VII and VIII shall be conducted by the University (except for Internal Examinations as applicable) at the end of each semester.

The theory/practical examinations of all the Semesters shall be held as per the followingSchedule -

Sr.No.	Name of the Examination	End Sem Examination	Supplementary Examination*
1	Semester-I, III, V and VII	Winter	Summer
2	Semester-II, IV, VI and VIII	Summer	Winter

*The University may evolve mechanism for conducting repeat end semester examination. Such repeat examinations shall have to be conducted within one month of the regular even semester examination and on demand examination.

1. The practical examination of all semesters shall be conducted by the University at the end of each semester. The HEI shall conduct the Practicalexamination of odd semesters as per the schedule announced by the University. **However, the appointment of the External and Internal Examiners shall be done by the Head or Principal of respective HEI to conduct external examination of the odd semester and the same should be communicated to the**

University before commencement of the practical examination. The University shall conduct the external practical examination of all even semester by appointing external and internal examiners.

2. The examinations specified above shall be held twice in a year at such places and on such dates as may be prescribed by the University.

3. An applicant to an examination specified above, shall pursue a regular course of study in courses prescribed for the examination concerned for not less than one semester in a particular semester in a College/Institute/University department.

4. Provided that the student shall be eligible to appear for examination if -

   a. He/she complies with the provisions of the Ordinance pertaining to the Examination in general from time to time.
   b. He/she has prosecuted a regular course of study in a university department/college affiliated to the University.
   c. He/she has in the opinion of the Principal shown satisfactory progress in his/her studies.

5. The provisions of Ordinance No. 6 and Ordinance No. 9 shall be *mutatis-mutandis* applicable to every collegiate/non-collegiate student.
6. The fees for each theory examination and practical examination conducted by the university shall be as prescribed by the University, from time to time.

Computation of SGPA and CGPA

Letter Grades and Grade Points:

Computation of SGPA and CGPA shall be on the basis of Credits prescribed to Courses and Grade Points obtained by the student based on scale as mentioned in **Table – 7**:

Table 9: Letter Grades and Grade Points

Semester GPA/ Program CGPA Semester/Program	% of Marks	Alpha-Sign / Letter Grade Result	Grade Point
9.00-10.00	90.0-100	O (Outstanding)	10
8.00-<9.00	80.0-<90.0	A+ (Excellent)	9
7.00-<8.00	70.0-<80.0	A (Very Good)	8
6.00-<7.00	60.0-<70	B+ (Good)	7
5.50-<6.00	55.0-<60.0	B (Above Average)	6
5.00-<5.50	50.0-<55.0	C (Average)	5
4.00-<5.00	40.0-<50.0	P (Pass)	4
Below 4.00	Below 40	F (Fail)	0
Ab (Absent)	-	Ab	0

Computation of SGPA and CGPA

The Semester Grade Point Average (SGPA) is computed from the grades as a measure of the student's performance in a given semester. The SGPA is based on the grades of the current term, while the Cumulative Grade Point Average (CGPA) is based on the grades in all courses taken after joining the programme of study.

Semester Grade Point Average (SGPA) The SGPA is the ratio of the 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 and the sum of the number of Credits of all the courses undergone by a student, i.e.

$$\textbf{SGPA}\ (Si) = \sum(Ci \times Gi) / \sum Ci$$

Where Ci is the number of Credits of the ith course and Gi is the grade point scored by the student in the ith course.

Example for Computation of SGPA

Semester	Course	Credit	Letter Grade	Grade point	Credit Point (Ci xGi) (Credit x Grade)
I	Course 1	2	A	8	2 X 8 = 16
I	Course 2	2	B+	7	2 X 7 = 14
I	Course 3	2	B	6	2 X 6 = 12
I	Course 4	2	O	10	2 X 10 = 20
I	Course 5	2	C	5	2 X 5 = 10
I	Course 6	2	B	6	2 X 6 = 12
		12			
				SGPA	84/12=**7.00**

Computation of CGPA:

The Cumulative Grade Point Average (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, i.e.

$$\textbf{CGPA} = \sum(Ci \times Si) / \sum Ci$$

where Si is the SGPA of the ith semester and Ci is the total number of Credits in that semester.

Example for Computation of CGPA

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
Credit: 21 SGPA:6.9	Credit: 22 SGPA:7.8	Credit:25 SGPA:5.6	Credit: 26 SGPA:6.0	Credit: 26 SGPA: 6.3	Credit: 25 SGPA 8.0
CGPA= **6.73** (21 x 6.9 + 22 x 7.8 + 25 x 5.6 + 26 x 6.0 + 26 x 6.3 + 25 x 8.0)/145					

The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

Equivalence of the conventional division/class

Equivalence of the conventional division/class to the correspondingC.G.P.A. in final semester shall be in accordance with the **Table 2** -

Table 2: Equivalence of Class/Division to C.G.P.A.

Sr. No.	C.G.P.A.	Class/Division
1.	7.5 or more than 7.5	First Class with Distinction
2.	6.00 or more but less than or equal to 7.49	First Class
3.	5.50 or more but less than or equal to 5.99	Higher Second Class
4.	5.00 or more but less than or equal to 5.49	Second Class
5.	4.00 or more but less than or equal to 4.99	Pass

Declaration of Results:

1. Declaration of result is based on the Semester Grade Point Average (SGPA) earned towards the end of each semester or the Cumulative Grade Point Average (CGPA) earned at the completion of all eight semesters of the programme and the corresponding overall alpha-sign or letter grades as given in **Table** . If some candidates exit at the completion of the first, second or third year of the Four years Undergraduate Programmes, with Certificate, Diploma or Basic Degree, respectively, then the results of successful candidates at the end of the second, fourth, sixth and eighth semesters shall also be classified on the basis of the CGPA obtained in the two, four, six or eight semesters, respectively.
2. A student obtaining Grade F shall be considered failed and will be required to reappear in the examination. Based on the above recommendations on Letter grades, grade points and SGPA and CGPA, the University shall issue the transcript for each semester and a consolidated transcript indicating the performance in all semesters.

Award of Degree:

1. A student pursuing Three Year / Four Year UG programme shall be awarded an appropriate Honors/ Research degree in Major/ Core Subject on completion of VIII Semester with the minimum of 160 Credits if he secures in that Subject at least 50% of the total Credits for that programme. He shall thus study the specific number of Mandatory Core Courses, Core Electives, Vocational and Skill Courses and Field projects/ Internships connected to Core Subjects in eight semesters, so as to cover at least 50% of the total Credits.

   University Three-Year Degree Completion Conditions: In order to be eligible for graduation from the Three-Year Degree Programme, students are required to earn a minimum of 120 credits during their time of study. The program offers a total of 132 credits, allowing flexibility (06 credits from GOEC, 04 Credits from CC, 02 credits from Skill Enhancement Courses.) in Credit earnings from different verticals. Nonetheless, it is essential for students to successfully complete the entire Credit requirement for their specified Major and Minor subjects, as this is a strict condition for the award of the degree.
2. In case of Research Degree, student shall have to pursue research project and write dissertation in that Major in the VII and VIII semesters.
3. A student is eligible for the award of Minor Degree on successful completion of Four-years Degree Programme with the minimum of 160 Credits, if he/she earns 20-28 Credits in that Minor Subject. The award of Minor Degree is independent of the award of the Major Degree.

Re-entry or Lateral Entry:

i. Students, opting for exits at any level, will have the option to re-enter the programme from where they had left off, in the same or in a different higher education institution within three years of exit and complete the degree programme within the stipulated maximum period of seven years from the date of admission to first year UG.

ii. Re-entry at various levels for lateral entrants in academic programmes shall be based on the earned and valid Credits as-deposited and accumulated in the Academic Bank of Credits (ABC) through Registered Higher Education Institutions (RHEI) and proficiency test records. Lateral entry into the programme of study leading to the UG Diploma/ Three-year UG Degree will be based on the validation of prior learning outcomes achieved and subject to availability based on intake capacity.

iii. An unsuccessful examinee at any of the above examination shall carry college assessment marks (Sessional Marks) of the theory/Practical examination to the successive attempt at the examination. The examinee however can go for his/her college assessment marks in the subject or subjects in which he/she shall be examined for total marks comprising of theory and sessional together at his/her successive attempts.

Admission to Higher Class of the program of studies

Considering 'credit', as the focal point of NEP, and as the total degree duration and credit norms are prescribed, the students should have an opportunity of academic mobility without any restriction of earning semester wise minimum credit. The students should not be refrain from an opportunity to learn for the sake of availing differential time line for assessment & evaluation.

General Provision:

1. Record of student's Performance cum Evaluation(containing attendance, concept knowledge, intellectual/ decision making ability, handling skill, sense of responsibility, cooperative/leadership quality, presentation/demonstration) related to *Internships/Apprenticeship, Mini-Project, Field Projects /Studio Activities, Community Engagement and Services, etc.* shall be maintained bythe college/institute/university department
2. For allotment of *Internships/Apprenticeship, Mini-Project, Field Projects /Studio Activities, Community Engagement and Services, etc.*, the College/ Institute/University Department shall follow Standard Operating Procedures (SOP) with concerned College/Institute/University Department/Organization/Industry on the basis of Memorandum of Understanding (MoU) /Letter of Intent and Joining letter. Further, for validation, progress records, Evaluation Sheet etc. shall be maintained by the College/Institute/University Department.The Internship policy documents of Govt. of Maharashtra shall be adopted by the University.
3. For award of Credits to Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS/NCC, Fine/Applied/Visual/Performing Arts, Academic Activities like paper presentations in conferences, Avishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Shortterm course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.); the college/ institute/university department should maintain a record of the student.
4. As per Maharashtra Public Universities Act, 2016, Section 89 Chapter VIII, the results of every examination and evaluation conducted by the University will be declared within thirty days from the last date of examination for that particular course and in any case declare the results latest within forty-five days. The names of the examinees passing the examination as a whole in the minimum prescribed period and obtaining the prescribed number of places in the CGPA shall be arranged in order of merit as provided in the examination in general Ordinance no. 6 provided that the merit list only be published in summer examination.
5. An examinee who has completed the term satisfactorily but fails to present himself/ herself for the **examination shall be eligible for re-examination externally to the same examination, on payment of fresh fees and** other fees as may be prescribed by the university from time to time.
6. A candidate/student who has successfully completed all requisite courses approved by the university and earned minimum prescribed total Credits for which he/she is admitted for the under graduate degree programme and accumulated the required Credits for the program and who has put in the minimum residence time prescribed for each semester of the program shall be eligible to receive the degree.

7. Examinations will be conducted in Offline mode in accordance with Ordinance No.9. However, under special circumstances and in specific cases, those can be conducted in Online mode on the recommendations of Board of Examination & Evaluation and approval by the Academic Council.
8. Generally, and preferably, College/Institute/Departmentinternal assessment examinations and university examinations papers should be set from the Question Bank prepared by the university.
9. Guidelines to Paper Setters are provided in Appendix B, Instructions to BOS in Appendix C, Glossary of Terms in Appendix D and Abbreviations in Appendix E, respectively. Further, at the end of Appendix E, list of references employed to compose this document is furnished.
10. Provisions of Ordinance No18/2001in respect of an Ordinance to provide grace marks for passing in a Head of passing and Improvement of Division (Higher Class) and getting Distinction in the subject and condonation of deficiency of marks in a subject shall apply to the examination under this Direction.
11. **Faculty wise Code Allocation:**

As per National Credit Framework (NCrF) the codes for various levels are prescribed. The codes prescribed for intermediate level courses including subject specific courses intended to meet the Credit requirements for minor / major areas of learning are 201 – 299. Taking into consideration the large number of Discipline and Courses in each faculty, the University has decided to evolve a Unique SIX Digit Code for each course. The first three digits will reflect the specific discipline/subject (**Table**) followed by three digits for Course under the same discipline.

The following codes prefix to 201 – 299 codes for the courses of Major or Minor Discipline.

For Example – First Course from Discipline / Subject Botany in the faculty of Science and Technology will use “107201” indicating code “107” for Discipline Botany and “201” for the first course in the same Discipline.

Table 10: The range of the Discipline/Subject codes in different faculties

Sr. No.	Faculty	Codes
1	Science & Technology (Science Group)	100 - 399
2	Commerce & Management	400 – 599
3	Humanities	600 – 799
4	Interdisciplinary Studies	800 - 999

The Codes allocated for various discipline/subject of different faculties are appended as **Appendix 1 to Appendix 4.**

12. **Power to modify and remove difficulties:**
    a) Not with standing anything contained in the foregoing, Hon'ble Vice-Chancellor in consultation with the Dean of the concerned faculty and all the Chairman (BoS) of the respective faculty shall have the power to issue directions or orders to remove any difficulty,
    b) Nothing in the foregoing may be construed as limiting the power of the University to amend, modify or repeal any or all of the above.
13. Task for BoS for effective implementation of NEP is specified in Appendix 10, Glossary of Terms in Appendix 11 and Abbreviations in Appendix 12, respectively.

NEP Working Committee:

A) UniversityLevel: -

There shall be NEP working committee in the University comprising of the following members

1. **Vice-Chancellor -Chairman**
2. Pro-Vice Chancellor -Member
3. Deans of all faculties -Members
4. Two Experts not below the rank of Professors- Member nominated by the Honorable Vice-Chancellor
5. D. R. (Academic) -Member-secretary

B. University Department Level: -

There shall be NEP working committee in each university department comprising of the following members

1. Head of the University Department -Chairman
2. One representative of the University Dept Student Council -Member
3. One Teacher of the Department nominated by Honorable Vice-Chancellor -Member Secretary

C. College Level

There shall be a NEP working committee in each affiliated college comprising of the following members

1. Principal -Chairman
2. HoDs of Teaching Departments of a College-Members
3. One representative of the College Student Council -Member
4. IQAC Co-Ordinator - Member- Secretary

Powers and Duties of the NEP working committee

1. Committee shall take review of the Implementation of the NEP after completion of every Semester
2. The committee shall report to the University about difficulties faced during the implementation of the NEP.
3. The committee should also consider the grievances of the students regarding the difficulties/disadvantages put to them, if any, during their studies under NEP.
4. For college level and university level, the committee will also be a Grievance Redressal Committee for implementation of NEP.
5. The committee may consider any other matter in the interest of the students as far as the NEP is concerned.

Appendices:

Appendix 1: List of Major Disciplines/Subjects in the faculty Science &Technology (Science Group) and the eligibility criterion for admission

Program	Major subjects which can be opted (Figure in bracket shows unique code of Discipline/Subject)	Eligibility
B.Sc.	Bioinformatics (104), Biotechnology(106), Chemistry (108), Computer Application (General)(109), Computer Application (Vocational) (110), Computer Maintenance (111), Computer Science (112), Electronics (113), Environmental Science (114), Food Processing and Technology (115), Food Science (116), Forensic Science (117), Geography (118), Geology (119), Industrial Chemistry (120), Information Technology (123), Instrumentation (124), Mathematics (126), Petrochemical Science (128), Physics (129), Renewable Energy(130), Statistics (132), Data Analytics (134)	• The Students passing H.S.C. Examination with Physics, Chemistry and Mathematics **OR** • The students passing the HSSC Examination offering Vocational stream with Mathematics **OR** • The students passing H.S.C. examination (M.C.V.C. stream) with technical trades like Engineering and Technology Group
	Apiculture (100), Biochemistry(103), Bioinformatics(104), Biological Techniques and Specimen Preparation (Vocational) (105), Biotechnology(106), Botany (107), Chemistry (108), Computer Application (General)(109), Computer Application (Vocational) (110), Environmental Science (114), Food Processing and Technology (115), Food Science (116), Forensic Science (117), Geography (118), Geology (119), Industrial Chemistry (120), Industrial Fish and Fisheries (Vocational) (121), Industrial Microbiology (122), Microbiology (127), Petrochemical Science (128), Seed Technology (Vocational)(131), Zoology(133)	• The Students passing H.S.C. Examination with Chemistry and Biology **OR** • The students passing H.S.C. examination (M.C.V.C. stream) with technical trades like Para Medical Group, Agricultural Group and Fisheries Group
BCA	BCA (Artificial Intelligence) (101) and BCA (Data Science) (102)	• The Students passing H.S.C. Examination with Science stream OR • The Students passing three years Diploma course in Computer Engg. / Electronics Engg. OR • 10+2 level minimum competency vocational course in Computer Technology / Electronics Technology.

Note: In addition to the eligibility tabulated above, following students will also be eligible for the admission to B.Sc./ B.C.A.

(i) Student who has successfully completed NSQF course level 4.0 from the Qualification Pack (QP) relevant or allied to Major Discipline/Subject in which he/she desire to seek admission.
OR

(ii) Student who has successfully completed prerequisite (bridge course) with Course code 0-99 of National Credit Framework (NCrF) relevant or allied to Major Discipline/Subject in which he/she desire to seek admission.

Appendix 2: List of Major Disciplines/Subjects in the faculty Commerce and Management and the eligibility criterion

Name of the Program	Disciplines/ Subjects	Eligibility
B.Com.	Business Dynamics (400)	Any H.S.S.C. or H.S.S.C. Vocational Passed Out Student/ Minimum two years Diploma/course after SSC examination of any recognized University/M.S.B.T.E./Govt. recognized Board or any other examination recognized as equivalent there to.
	Accounting & Taxation (401)	

Notes:

In addition to the eligibility tabulated above, following students will also be eligible for the admission to B.Com.

- The student who has successfully completed NSQF course level 4.0 from the Qualification Pack (QP) relevant / allied to Major. **OR**
- The student who has successfully completed prerequisite (Foundational Course) with Course code 100-199 of National Credit Framework (NCrF) relevant / allied to Major.

Appendix 3: List of Major Disciplines/Subjects in the faculty of Humanities and the eligibility criterion for admission

Nameofthe Programme	Disciplines/Subjects	Eligibility
B.A.	Anthropology (600),Applied Economics (601), Arabic Literature (602),Bengali Language (603),Bengali Literature (604), Buddhist Thoughts (605), Chhatrapati Shahu Maharaj Thoughts (606), Chhatrapati Shivaji Maharaj Thoughts (607),Civics (608), Community Development and Extension (609), Co-operation (610), Dr.BabasahebAmbedkarThoughts(611),Dr.PanjabraoDeshmukh Thoughts (612), Economics (613),Early Childhood Care and Education (614), English Language (615),English Literature (616), Food Technology (617),French Language (618),French Literature (619), Functional English (620),Functional Hindi (621),Geography (622),German Language (623),German Literature (624), Gujrati, Literature(625),Gujrati Language(626),Hindi Language(627),Hindi Literature (628), History (629),Home Economics (630), Human Rights(631),Indian Music(632),Japanese Language(633),Japanese Literature (634), Latin Language (635),Library & Information Science (636), Lifelong Learning Extension (637), Mahatma Fule Thoughts (638), Marathi Language (639),Marathi Literature (640), Mendrine Language (Chinese Language) (641), Mendrine Literature (Chinese Literature) (642), Pali and Buddhism (643), Pali andPrakrit Language (644),Pali and Prakrit Literature (645), Panchayat Raj and Integrated Rural and Urban Development (646),Persian Language (647),Persian Literature (648), Philosophy (649),Political Science (650), Psychology (651),Psychology and Counseling (652), Public Administration (653), RashtrasantTukdoji Thoughts (654), Rural Development (655),Rural Handicraft (656), Russian Language(657),Russian Literature(658),Sanskrit Language (659),Sanskrit Literature (660), Sant Gadge Baba Thoughts (661), Sant Gulabrao Maharaj Thoughts (662),Shri Chakradhar Swami Vichardhara (663),Sociology (664),Statistics (665), Supplementary English(666),SwamiVivekanandaThoughts(667),TeluguLanguage (668),TeluguLiterature(669),TranslationHindi(670),Urdu Language(671)Urdu Literature(672),Yogashastra(673).	AnyH.S.S.C.or H.S.S.C. Vocational Passed Out Student.

Notes:

Inadditiontotheeligibilitytabulatedabove,followingstudentswillalsobeeligibleforthe admission to B.A.-

- The student who has successfully completed NSQF and/ or NHEQF course level 4.0 from the Qualification Pack (QP) relevant / allied to Major.

Appendix 4: List of Major Disciplines / Subjects in the faculty Interdisciplinary Studies and the eligibility criterion

Program	**Major subjects which can be opted** (Figure in bracket shows unique code of Discipline / Subject)	**Eligibility**
B.Sc.	Animation(800)	Have passed the HSSC Examination for the Science, Arts& Commerce including Vocational/M.C.V.C. stream ofthe Maharashtra State Board of Secondary and Higher Secondary Education or reexamination on recognized as equivalent there to. OR Minimum two years Diploma / course after SSC examination of any recognized University / M.S.B.T.E ./Govt. recognized Board or any otherexaminationrecognizedasequivalentthereto.
B.F.D.	Fashion Designing(805)	Have passed HSSC examination of MS Board of Secondary and Higher Secondary education in any discipline or any other examination recognized as equivalent thereto. Preference will be given to candidates who possess of sewing, drawing and computers kills. The students passing Diploma in the subject related to Fashion Designing conducted by M.S.B.T.E. or equivalent Government Board shall be eligible for Direct admission to Semester-III of Bachelor in Fashion Designing. Provided that the Diploma should be of 3 years duration after SSC and one-year duration after HSSC examination."
B.Sc. (Home. Sci)	**Home Science** Communication and Extension (802), Food and Nutrition (806) Human Development (807), Resource Management (823),TextileandClothing(831)	Have passed the HSSC Examination for the Science, Arts& Commerce including Vocational/M.C.V.C. stream ofthe Maharashtra State Board of Secondary and Higher Secondary Education or examination recognized as equivalent the reto. II. Minimum two years Diploma / course after SSC examinationof anyrecognized University / M.S.B.T.E./ Govt. recognized Board or any other examination recognized as equivalent thereto OR. ii)The students having passed minimum two years Diploma / Course (after SSC examination) of Maharashtra State Board of Vocational Education Examinations, Mumbai shall be eligible to admit for B.Sc.(Home Science)Part-I.
B.A.	Journalism Mass Communication(815)	the HSSC Examination of Maharashtra State Board ofSecondaryandHigherSecondaryEducationoranexaminat ion recognized asequivalent. OR the HSSC Examination of Maharashtra State Board ofSecondaryandHigherSecondaryEducationinVocational StreamwithEnglishasoneofthesubjectsofpassing.ORtheDi plomainEducation(D.Ed.)(Twoyearsprogramme)of Maharashtra State Educational Research and TrainingCouncil, Pune with Englishasoneofthesubjects ofpassing.OR Minimum Two Years programme after SSC approved byGovernmentofMaharashtrawithEnglishasoneofthe subjects ofpassing

B.P.A.	**PerformingArts** IndianClassicalVocalMusic(808) IndianClassicalInstruments-Sitar(809) IndianClassicalInstruments–Violin(810) IndianClassicalInstruments–Tabla(811)	the HSSC Examination of Maharashtra State Board ofSecondaryandHigherSecondaryEducationoranexaminationrecognizedasequivalenttheretoandanyotherboard OR the HSSC Examination of Maharashtra State Board ofSecondaryandHigherSecondaryEducationinVocational Streamas oneofthesubjects of passing. OR theDiplomainEducation(D.Ed.)(Twoyearscourse)of MaharashtraStateEducationalResearchandTrainingCouncil,Pune OR
	IndianClassicalDance-Kathak(812) IndianClassicalDance–Odissi(813) Indian Classical Dance – Bharatnatyam(814) DramaandTheatre(804)	MinimumTwoYearscourseafterSSCapprovedbyGovernment of Maharashtra
B.P.E. andS.	Professional Preparation inPhysical Education(822) SportsScience(828) SportsCoaching&training(824)YogicScience(833) SportsPsychology(827) SportsManagement(826) SportsJournalism(825) SportsTourism&AdventureSports(829)	• The Student passing H.S.C. Examination with anyfacultyare eligible. • TheStudentpassingH.S.C.Examination(M.C.V.C.Stream)withtechnicaltradesareeligible

Note:

In addition to the eligibility tabulated above, following students will also be eligible for admission to the programmes in the faculty of Interdisciplinary Studies. Student who has successfully completed NSQF and/or NHEQF course level 4.0 from the Qualification Pack (QP) relevant or allied to Major Discipline/ Subject in which he/ she desires to seek admission.

Appendix 5:List of Major Disciplines/Subjects in the faculty Science and Technology (Science Group) and the choice of Minor Subject

Group	The Major Discipline/Subject with Code	Student shall have to select any one Minor of the same faculty (other than Major in which admitted) available in the HEI from the following Discipline/Subject
B.Sc.	Apiculture (100), Biochemistry(103), Bioinformatics(104), BiologicalTechniques and Specimen Preparation (Vocational)(105), Biotechnology(106), Botany (107), Chemistry (108),Computer Application (General)(109), Computer Application (Vocational) (110), Computer Maintenance(111), Computer Science(112), Electronics(113), Environmental Science(114), Food Processing and Technology(115), Food Science(116), Forensic Science(117), Geography (118), Geology (119), Industrial Chemistry(120), Industrial Fish and Fisheries (Vocational)(121), Industrial Microbiology (122), Information Technology (123), Instrumentation(124), Languages (Science Faculty Disciplines)(125), Mathematics(126), Microbiology(127), PetrochemicalScience (128), Physics(129), Renewable Energy(130), Seed Technology (Vocational)(131), Statistics (132), Zoology(133), Data Analytics (134)	Apiculture (100), Biochemistry (103), Bioinformatics (104), BiologicalTechniques and Specimen Preparation (Vocational) (105), Biotechnology (106), Botany(107), Chemistry(108), Computer Application (General) (109), Computer Application (Vocational) (110), Computer Maintenance (111), Computer Science (112), Electronics (113), Environmental Science (114), Food Processing and Technology(115), Food Science (116), Forensic Science (117), Geography (118), Geology (119), Industrial Chemistry (120), Industrial Fish and Fisheries (Vocational) (121), Industrial Microbiology (122), Information Technology (123), Instrumentation (124), Languages (Science Faculty Disciplines) (125), Mathematics (126), Microbiology (127), PetrochemicalScience (128), Physics (129), Renewable Energy (130), Seed Technology (Vocational) (131), Statistics (132) and Zoology (133), Data Analytics (134) **For Example:** The student admitted for Major in Statistics(132) shall have to select Minor of any one of the above Discipline/Subject other than Minor of Statistics. **Special Note:** Students select only one subject as a major or minor from Computer Application (General)(109), Computer Application (Vocational)(110), Computer Science (112), Information Technology(123) and DataAnalytics(134)
B.C.A.	BCA (Artificial Intelligence) (101) and BCA (Data Science)(102)	As per Teaching Learning Scheme of BCA (Artificial Intelligence) (101) and BCA (Data Science)(102)

Notes:

1. Figure in bracket shows unique code of Discipline/Subject
2. The confirmation Major and Minor Discipline/ Subject shall be at the time admission in Semester - III by the student.

Appendix 6:List of Major Disciplines/Subjects in the faculty of Commerce & Management and the choice of Minor Subject

Name of the Programme	**The Major Discipline/ Subject**	**Student shall have to select any one minor (other than Major) available in the HEI from the following of the same faculty.**
B.Com.	Business Dynamics (400)	Business Dynamics (400), Accounting& Taxation (401)
	Accounting & Taxation (401)	

Notes:

1. Figure in bracket shows unique code of Discipline/Subject
2. The selection of Minor Discipline/Subject shall be decided in Semester - II by the student.
3. Minor Discipline/Subject selected by the student in the Semester II shall be continued till the Sixth Semester.

Appendix7: List of Major Disciplines/Subjects in the faculty of Humanities and the Choice of the Minor Subject

TheMajorDiscipline/SubjectwithCode	**Studentshall havetoselect anyoneMinorof the samefaculty(otherthanMajorinwhich admitted)availableintheHEIfromthefollowing Discipline/Subject**
Anthropology(600),Applied Economics(601), Arabic Literature (602),Bengali Language (603),Bengali Literature (604), Buddhist Thoughts (605), Chhatrapati Shahu Maharaj Thoughts (606), Chhatrapati Shivaji Maharaj Thoughts (607),Civics (608), Community Development and Extension (609), Co-operation (610), Dr. Babasaheb Ambedkar Thoughts (611), Dr. Panjabrao Deshmukh Thoughts (612), Economics (613),Early Childhood Care and Education (614), English Language(615),English Literature(616),Food Technology(617),French Language (618),French Literature(619),Functional English (620),Functional Hindi (621),Geography (622),German Language (623),German Literature (624), Gujrati, Literature (625),Gujrati Language (626),Hindi Language (627),Hindi Literature (628), History(629),Home Economics(630),Human Rights (631),Indian Music (632), Japanese Language (633), Japanese Literature (634), Latin Language (635),Library & Information Science (636), Lifelong Learning Extension (637), Mahatma Fule Thoughts (638), Marathi Language (639),Marathi Literature(640), Mendrine Language(Chinese Language)(641), Mendrine Literature (Chinese Literature) (642), Pali and Buddhism (643), Pali and Prakrit Language (644),Pali and Prakrit Literature (645), Panchayat Raj and Integrated Rural and Urban Development (646),Persian Language (647),Persian Literature (648), Philosophy (649),Political Science (650), Psychology (651),Psychology and Counseling (652), Public Administration (653), RashtrasantTukdoji Thoughts (654), Rural Development (655),Rural Handicraft (656), Russian Language (657),Russian Literature (658),Sanskrit Language (659),Sanskrit Literature (660), Sant Gadge Baba Thoughts (661), Sant Gulabrao Maharaj Thoughts (662),Shri Chakradhar Swami Vichardhara (663),Sociology (664),Statistics (665), Supplementary English (666),Swami Vivekananda Thoughts (667), Telugu Language (668),Telugu Literature (669),TranslationHindi(670),UrduLanguage (671)UrduLiterature(672),Yogashastra(673).	Anthropology(600),Applied Economics(601),Arabic Literature (602),Bengali Language (603),Bengali Literature(604),Buddhist Thoughts(605),Chhatrapati Shahu Maharaj Thoughts (606), Chhatrapati Shivaji Maharaj Thoughts (607),Civics (608), Community Development and Extension (609), Co-operation (610), Dr. Babasaheb Ambedkar Thoughts (611), Dr. Panjabrao Deshmukh Thoughts (612), Economics (613),Early Childhood Care and Education (614), English Language (615),English Literature (616), Food Technology (617),French Language (618),French Literature (619), Functional English (620),Functional Hindi (621),Geography (622),German Language (623),German Literature (624), Gujrati, Literature (625), Gujrati Language (626),Hindi Language (627),Hindi Literature (628), History (629),Home Economics (630), Human Rights (631),Indian Music (632), Japanese Language (633), Japanese Literature (634), Latin Language (635),Library & Information Science (636), Lifelong Learning Extension (637), Mahatma Fule Thoughts (638), Marathi Language (639),Marathi Literature (640),MendrineLanguage(ChineseLanguage)(641), Mendrine Literature (Chinese Literature) (642), Pali andBuddhism(643),PaliandPrakritLanguage(644), Pali and Prakrit Literature (645), Panchayat Raj and Integrated Rural and Urban Development (646),Persian Language(647),Persian Literature(648), Philosophy (649),Political Science (650), Psychology (651),Psychology and Counseling (652), Public Administration (653), RashtrasantTukdoji Thoughts (654), Rural Development (655),Rural Handicraft (656), Russian Language (657),Russian Literature (658),Sanskrit Language (659),Sanskrit Literature (660), Sant Gadge Baba Thoughts (661), Sant Gulabrao Maharaj Thoughts (662), Shri Chakradhar Swami Vichardhara (663),Sociology (664),Statistics (665), Supplementary English (666),Swami Vivekananda Thoughts (667), Telugu Language (668),Telugu Literature(669),Translation Hindi(670), Urdu Language (671) Urdu Literature (672),Yogashastra (673). **For Example:** The student admitted for Major in Political Science (650) shall have to select Minor of any one of the above Discipline/Subject other than Minor of Political Science.

Notes:

1. Figure in bracket shows unique code of Discipline/Subject.
2. For the award of Minor Degree, the student shall declare the choice of the Minor discipline at the end of the second semester, after exploring various courses.
3. Minor Disciplines elected by the student after Semester II shall be continued till the sixth semester.

Appendix 8: List of Major Disciplines/Subjects in the faculty of Interdisciplinary Studies and the choice of the Minor Subject

Group	TheMajorDiscipline/SubjectwithCode	Student shall have to select any one Minor of the same faculty (other than Major in which admitted) available in the HEI from the following Discipline/Subject
A	Animation(800)	Painting and Mural Design (820) Photography and Cinematography (821) Stop Motion (830) AI Design for filmmaking (801) Music and Acting (819) Modelling and Sculpture (818)
B	FashionDesigning(805)	TextileandLaundry(832) MarketingManagement(816)
C	HomeScience Communication and Extension (802)Foodand Nutrition(806) HumanDevelopment(807) Resource Management (823)TextileandClothing(831)	Communication and Extension (802) Food and Nutrition (806) Human Development (807) Resource Management (823) Textile and Clothing (831) **For Example:** The student admitted for Major in Food Science and Nutrition shall have toselect Minor of any one of the above Discipline/Subject other than Minor of Food Science and Nutrition**.**
D	JournalismMassCommunication(815)	Media and Society (817) Development Communication (803)
E	PerformingArts Indian Classical Vocal Music (808)Indian Classical Instruments - Sitar (809)Indian Classical Instruments – Violin(810) Indian Classical Instruments–Tabla (811) Indian Classical Dance - Kathak (812) Indian Classical Dance–Odissi (813) Indian Classical Dance – Bharatnatyam (814), Drama and Theatre (804)	Indian Classical Vocal Music (808) Indian Classical Instruments -Sitar(809) Indian Classical Instruments–Violin(810) Indian Classical Instruments – Tabla (811) Indian Classical Dance - Kathak (812) Indian Classical Dance –Odissi(813) Indian Classical Dance – Bharatnatyam (814) Drama and Theatre(804)
F	Professional Preparation in Physical Education (822) Sports Science (828) Sports Coaching & training (824) Yogic Science (833) Sports Psychology (827) Sports Management (826) Sports Journalism (825) Sports Tourism & Adventure Sports (829)	Professional Preparation in Physical Education(822), Sports Science (828), Sports Coaching &training (824), Yogic Science (833), Sports Psychology (827), Sports Management (826), Sports Journalism (825), Sports Tourism &AdventureSports (829) **Forexample**:The student admitted for major in Professional Preparation in Physical Education shall have to select minor of any one of the above discipline/subject other than minor of Professional Preparation in Physical Education.

Notes:

1. Figure in bracket shows unique code of Discipline/Subject.
2. For the award of Minor Degree, the student shall declare the choice of the Minor discipline at the end of the second semester, after exploring various courses.
3. Minor Discipline selected by the student after Semester II shall be continued till the sixth semester.

Appendix – 9: Teaching Learning Scheme (Major/Minor-2 credit titles-50 marks Evaluation)

Sant Gadge Baba Amravati University, Amravati
FACULTY:
Teaching and Learning Scheme: for the Degree of Bachelor of # with $
(Three Years- Six Semesters Bachelor's Degree Programme)

TEMPLATES
FIRST YEAR: SEMESTER – I

Mode of Teaching	Vertical No.	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	a.	Major	Theory 1			2	2	4/6
			Theory 2/ Lab/Practical-1			2	2/4	
	b.	Minor / Major	Theory1	-	-	2	2	4/6
			Theory 2/ Lab/Practical-2			2	2/4	
	c.	Generic/Open Elective Course	Theory1			2	2	4
			Theory2			2	2	
	d.	VSC	-	-	-	-	-	2/4
		SEC	Theory/ Lab/Practical-3			2	2/4	
	e.	AEC - English	Theory			1	1	6
		AEC –MIL	Theory			1	1	
		IKS-Generic	Theory			2	2	
		VEC	Theory			2	2	
	f.	CC	Outdoor			2	4	4
		TOTAL				**22**	**24/30**	**24/30**

Appendix – 9: Teaching Learning Scheme (Major/Minor 4 credit titles-100 marks Evaluation)

Sant Gadge Baba Amravati University, Amravati
FACULTY:
Teaching and Learning Scheme: for the Degree of Bachelor of # with $
(Three Years- Six Semesters Bachelor's Degree Programme)

TEMPLATES
FIRST YEAR: SEMESTER – I

Mode of Teaching	Vertical No.	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	A	Major	Theory 1			4	4	4
	B	Minor / Major	Theory1	-	-	4	4	4
	C	Generic/Open Elective Course	Theory1			2	2	4
			Theory2			2	2	
	D	VSC	-	-	-	-	-	2/4
		SEC	Theory/ Lab/Practical-3			2	2/4	
	e.	AEC - English	Theory			1	1	6
		AEC –MIL	Theory			1	1	
		IKS-Generic	Theory			2	2	
		VEC	Theory			2	2	
	f.	CC	Outdoor			2	4	4
		TOTAL				**22**	**30**	**24/30**

FIRST YEAR: SEMESTER – II (02 credits-50 marks major/minor)

Mode of Teaching	Ver. No	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	a.	Major	Theory			2	2	4/6
			Theory / Lab/Practical-4			2	2/4	
	b.	Minor / Major	Theory	-	-	2	2	4/6
			Theory/ Lab/Practical-5			2	2/4	
	c.	Generic/Open Elective Course	Theory1			2	2	4
			Theory2			2	2	
	d.	VSC	Theory/Practical 6	-	-	2	2/4	4/8
		SEC	Theory/ Lab/Practical-7			2	2/4	
	e.	AEC - English	Theory			1	1	4
		AEC –MIL	Theory			1	1	
		VEC	Theory			2	2	
	f.	CC	Outdoor			2	4	4
		TOTAL				**22**	**24/32**	**24/32**

*** Important:**
- VSC Should be Complementary to Major/Minor
- SEC has to be selected as per above T and L Scheme or from the Basket Provided by University, from the same Faculty/Discipline of the Major/Minor

FIRST YEAR: SEMESTER – II (04 credits-100 marks major/minor)

Mode of Teaching	Ver. No	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	g.	Major	Theory			4	4	4
	h.	Minor / Major	Theory	-	-	4	4	4
	i.	Generic/Open Elective Course	Theory			2	2	4
			Theory			2	2	
	j.	VSC	Theory	-	-	2	2	4
		SEC	Theory			2	2	
	k.	AEC - English	Theory			1	1	4
		AEC –MIL	Theory			1	1	
		VEC	Theory			2	2	
	l.	CC	Outdoor			2	4	4
		TOTAL				**22**	**24**	**24**

*** Important:**
- VSC Should be Complementary to Major/Minor
- SEC has to be selected as per above T and L Scheme or from the Basket Provided by University, from the same Faculty/Discipline of the Major/Minor

Sant Gadge Baba Amravati University, Amravati

FACULTY: (major/minor-02 credits-50 marks)

Teaching and Learning Scheme: for the Degree of Bachelor of # with $

(Three Years- Six Semesters Bachelor's Degree Programme)

SECONOD YEAR: SEMESTER – III

Mode of Teaching	Ver. No	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	a.	Major	Theory3			2	2	8/10
			Theory4			2	2	
			Theory/ Lab/Practical-8			2	2/4	
		IKS-Major Specific	Theory			2	2	
	b.	Minor	Theory3			2	2	4/6
			Theory/ Lab/Practical-9			2	2/4	
	c.	Generic/ Open Elective Course	Theory5			2	2	2
	d.	VSC	Theory/ Lab/Practical-10			2	2/4	2/4
	e.	AEC - English	Theory			1	1	2
		AEC –MIL	Theory			1	1	
	f.	FP/CES	Project			2	4	8
		CC	Outdoor			2	4	
		TOTAL				**22**	**26/32**	**26/32**

Sant Gadge Baba Amravati University, Amravati

FACULTY: (major/minor-04 credits-100 marks)

Teaching and Learning Scheme: for the Degree of Bachelor of # with $

(Three Years- Six Semesters Bachelor's Degree Programme)

SECONOD YEAR: SEMESTER – III

Mode of Teaching	Ver. No	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	g.	Major	Theory3			4	4	8
			Theory4			2	2	
		IKS-Major Specific	Theory			2	2	
	h.	Minor	Theory3			4	4	4
	i.	Generic/ Open Elective Course	Theory5			2	2	2
	j.	VSC	Theory/ Lab/Practical-10			2	2	2
	k.	AEC - English	Theory			1	1	2
		AEC –MIL	Theory			1	1	
	l.	FP/CES	Project			2	4	8
		CC	Outdoor			2	4	
		TOTAL				**22**	**26**	**26**

SECOND YEAR: SEMESTER – IV (02 credits 50 marks major-minor)

Mode of Teaching	Vertical No	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	a.	Major	Theory5			2	2	8/10
			Theory6			2	2	
			Theory			2	2	
			Theory/ Lab/Practical-11			2	2/4	
	b.	Minor	Theory4			2	2	4/6
			Theory/ Lab/Practical-12			2	2/4	
	c.	Generic/ Open Elective Course	Theory6			2	2	2
	d.	VSC	Lab/Practical-13			2	2/4	2/4
	e.	AEC - English	Theory			1	1	2
		AEC –MIL	Theory			1	1	
	f.	FP/CES	Project			2	4	8
		CC	Outdoor			2	4	
		TOTAL				**22**	**26/32**	**26/32**

*** Important:**

- VSC Should be Complementary to Major
- SEC has to be selected as per above T and L Scheme or from the Basket Provided by University, from the same Faculty/Discipline of the Major/Minor

SECOND YEAR: SEMESTER – IV (04 credits 100 marks major-minor)

Mode of Teaching	Vertical No	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	g.	Major	Theory5			4	4	8
			Theory6			4	4	
	h.	Minor	Theory4			4	4	4
	i.	Generic/ Open Elective Course	Theory6			2	2	2
	j.	VSC	Theory/Practical			2	2/4	2/4
	k.	AEC - English	Theory			1	1	2
		AEC –MIL	Theory			1	1	
	l.	FP/CES	Project			2	4	8
		CC	Outdoor			2	4	
		TOTAL				**22**	**26/28**	**26/28**

*** Important:**

- VSC Should be Complementary to Major

SEC has to be selected as per above T and L Scheme or from the Basket Provided by University, from the same Faculty/Discipline of the Major/Minor

Sant Gadge Baba Amravati University, Amravati
FACULTY: (2 credits-50 marks major-minor)
Teaching and Learning Scheme: for the Degree of Bachelor of # with $
(Three Years- Six Semesters Bachelor's Degree Programme)

THIRD YEAR: SEMESTER – V

Mode of Teaching	Ver. No	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	a.	Major	Theory7			2	2	12/16
			Theory8			2	2	
			Theory9			2	2	
			Theory/ Lab/Practical-15			2	2/4	
		Major (Elective)	Theory1			2	2	
			Theory/ Lab/Practical-17			2	2/4	
	b.	Minor	Theory5			2	2	4/6
			Theory/ Lab/Practical-18			2	2/4	
	c.	Generic/Open Elective	-	-	-	-	-	-
	d.	VSC	Theory/ Lab/Practical-19			2	2/4	4/8
		SEC	Theory/ Lab/Practical-19			2	2/4	
	e.	VEC	-	-	-	-	-	0
	f.	FP/CES	Project			2	4	4
		CC	-	-	-	-	-	-
		TOTAL				**22**	**24/34**	**24/34**

Sant Gadge Baba Amravati University, Amravati
FACULTY: (4 credits-100 marks major-minor)
Teaching and Learning Scheme: for the Degree of Bachelor of # with $
(Three Years- Six Semesters Bachelor's Degree Programme)

THIRD YEAR: SEMESTER – V

Mode of Teaching	Ver. No	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	g.	Major	Theory7			4	4	12
			Theory8			4	4	
		Major (Elective)	Theory1			4	4	
	h.	Minor	Theory5			4	4	4
	i.	Generic/Open Elective	-	-	-	-	-	-
	j.	VSC	Theory			2	2	4
		SEC	Theory			2	2	
	k.	VEC	-	-	-	-	-	0
	l.	FP/CES	Project			2	4	4
		CC	-	-	-	-	-	-
		TOTAL				**22**	**24**	**24**

THIRD YEAR: SEMESTER – VI(02 credits major-minor-50 marks evaluation)

Mode of Teaching	Ver. No	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	a.	Major	Theory10			2	2	12/16
			Theory11			2	2	
			Theory/			2	2	
			Theory/ Lab/Practical-21			2	2/4	
		Major (Elective)	Theory2			2	2	
			Theory/ Lab/Practical-22			2	2/4	
	b.	Minor	Theory6			2	2	4/6
			Lab/Practical-23			2	2/4	
	c.	Generic/ Open Elective	-			-	-	0
	d.	VSE	Lab/Practical-24			2	2/4	2/4
	e.	VEC						
	f.	Internship / Apprenticeship	OJT			4	8	8
		FP/CES	Project			-	-	
		-	-	-	-	-	-	-
		TOTAL				**22**	**26/34**	**26/34**

*** Important:**

- VSC Should be Complementary to Major
- SEC has to be selected as per above T and L Scheme or from the Basket Provided by University, from the same Faculty/Discipline of the Major/Minor

THIRD YEAR: SEMESTER – VI(04 credits major-minor-100 marks evaluation)

Mode of Teaching	Ver. No	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	g.	Major	Theory10			4	4	12
			Theory11			4	4	
		Major (Elective)	Theory2			4	4	
	h.	Minor	Theory6			4	4	4
	i.	Generic/ Open Elective	-			-	-	-
	j.	VSE	Lab/Practical-24			2	2	2
	k.	VEC						
	l.	Internship / Apprenticeship	OJT			4	8	8
		FP/CES	Project			-	-	
		-	-	-	-	-	-	-
		TOTAL				**22**	**26**	**26**

*** Important:**

- VSC Should be Complementary to Major

SEC has to be selected as per above T and L Scheme or from the Basket Provided by University, from the same Faculty/Discipline of the Major/Minor

Sant Gadge Baba Amravati University, Amravati
FACULTY:
Teaching and Learning Scheme: for the Degree of Bachelor of # with $
(Four Years- Eight Semesters Bachelor's Degree Programme (Honors)

FOURTH YEAR: SEMESTER – VII

Mode of Teaching	Vertical Number	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	a.	Major	Theory12			2	2	22
			Theory13			2	2	
			Theory14			2	2	
			Theory15			2	2	
			Theory16			2	2	
			Lab/Practical-25			2	4	
			Lab/Practical-26			2	4	
		Elective	Theory5			2	2	
			Theory6			2	2	
		Research Methodology(RM)	Theory1	-	-	2	2	6
			Lab/Practical-27			2	4	
		TOTAL				**22**	**28**	**28**

FOURTH YEAR: SEMESTER – VIII

Mode of Teaching	Vertical Number	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	a.	Major	Theory17			2	2	22
			Theory18			2	2	
			Theory19			2	2	
			Theory20			2	2	
			Theory21			2	2	
			Lab/Practical-28			2	4	
			Lab/Practical-29			2	4	
		Elective	Theory7			2	2	
			Theory8			2	2	
		OJT	Lab/Practical-30			4	8	08
		TOTAL				**22**	**30**	**30**

Sant Gadge Baba Amravati University, Amravati
FACULTY:
Teaching and Learning Scheme: for the Degree of Bachelor of # with $
(Four Years- Eight Semesters Bachelor's Degree Programme (Honors with Research)

FOURTH YEAR: SEMESTER – VII

Mode of Teaching	Vertical Number	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor /	a.	Major	Theory12			2	2	22
			Theory13			2	2	
			Theory14			2	2	
			Theory15			2	2	
			Theory16			2	2	
			Lab/Practical-25			2	4	
			Lab/Practical-26			2	4	
		Elective	Theory5			2	2	
			Theory6			2	2	
		Research Project (RP)	Project	-	-	4	8	8
		TOTAL				**22**	**30**	**30**

FOURTH YEAR: SEMESTER – VIII

Mode of Teaching	Vertical Number	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical)/ Outdoor / Field	a.	Major	Theory17			2	2	22
			Theory18			2	2	
			Theory19			2	2	
			Theory20			2	2	
			Theory21			2	2	
			Lab/Practical-28			2	4	
			Lab/Practical-29			2	4	
		Elective	Theory7			2	2	
			Theory8			2	2	
		Research Project (RP)	Project			6	12	12
		TOTAL				**22**	**34**	**34**

Notes:

a. #/$ Here mention the title of Degree. For example - Degree of Bachelor of Science with the # Major and $ Minor Discipline (Subject Botany as # Major and Chemistry as $ Minor)

b. The strength of the batch of the Practical for UG Classes shall be 16 with an addition of 10% with the permission of Hon'ble Vice Chancellor. The number of the students required to constitute a batch or calculate the workload shall be in accordance with the relevant Government Resolution in force at the time, applicable to specific time, region, course type, mode of instruction, and other pertinent factors.

c. 1 Credit shall mean 1 Hour Teaching per Week per Semester (Total 15 Hrs/ Semester), the duration of 1 Teaching Period will be 60 Minutes. For Practical 1 Credit shall mean 2 Hour Teaching per Week per Semester (Total 30 Hrs/ Semester).

d. For Examination and Evaluation of Theory Courses, 40 % Marks shall be assigned to Internal Examination and 60% Marks shall be assigned to end-semester external university examination.

e. **Co-curricular Courses:** Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS/NCC, Fine/Applied/Visual/Performing Arts During Semester I, II, III, IV, V and VI**.** These courses may be taught by Physical Education Director or may be assigned to Language Teacher by the Principal of HEI based on the expertise of the concerned.

f. Value Education Courses to be selected from the Basket of Courses provided by the University. These courses may be assigned to the Language or any Teacher by the Principal of HEI based on the expertise of the concerned.

g. **Generic / Open Elective Courses / Skill Enhancement courses (GE/OE)& (SEC):** Courses to be selected from the Basket of Courses provided by the University. In addition to the GOEC and SEC basket developed by university through different board of studies, syllabus of independent generic open elective courses and skill enhancement courses shall be prepared at the college level by forming a committee of 2-3 experts under the chairmanship of the principal of the college. However, it is mandatory to submit the copy of syllabus to obtain concurrence from the university. University shall extend the concurrence within one month from the date of submission, otherwise, it is deemed to be concurred by the university. Evaluation of the GOEC and SEC Courses may be through Pen Paper Test or even may be activity based continuous evaluation as suggested in the respective syllabus. The basket of independent GOEC for facilitating the students to prepare for competitive examination may be developed as on urgent basis. The students who are keen to prepare for competitive examination may earn 12 credit of GOEC while continuing their preparation of competitive examination.

h. **Abbreviations:** Department Specific Core: DSC, Department Specific Elective: DSE, FSC: Faculty Specific Core, FSE: Faculty Specific Elective, Indian Knowledge System: IKS, Inter Faculty Specific Core: IFSC, Inter Faculty Specific Elective: IFSE, Theory : Th, Practical/Practicum: Pr, Environment Studies: ES, Pre-requisite Course mandatory if applicable: Prq, Laboratory: Lab (Practical), Generic/ Open Electives: OE; Vocational Skill and Skill Enhancement Courses: VSEC; Vocational Skill Courses: VSC; Skill Enhancement Courses: SEC; Ability Enhancement Courses: AEC; Value Education Courses: VEC; OJT: On Job Training: Internship/ Apprenticeship; Field projects: FP; Community Engagement and Service: CES; Co-curricular Courses: CC; RM: Research Methodology; Research Project: RP; MIL: Modern Indian Language

Curriculum Design:

Each theory paper of shall be of 2 Credits comprising of 4 Units with Teaching Hours as mentioned in the table. The pattern of theory papers shall be as per following template –

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Max Marks
4.5	I			2	30	2 Hrs	Internal 20+ External 30 Total 50

The Curriculum of any Course shall be designed as per following template:

Course Objectives:				
Course Outcomes:	As per Blooms Taxonomy (4 to 6)			
Unit System	**Contents**	**Workload Allotted**	**Weightage of Marks Allotted**	**Incorporation of Pedagogies**
Unit I	Detailed pointwise contents with at least four points	8 Hrs	8 Marks	BoSshall recommend suitable pedagogical strategies, both classical and contemporary innovations, for integration into the Teaching, Learning, and Evaluation (T, L, & E) Processes. These strategies should be tailored to enhance the delivery and comprehension of the course content within each Unit, ensuring that they align with the educational objectives and learning outcomes.
Unit II	Detailed pointwise contents with at least four points	7 Hrs	7 Marks	
Unit III	Detailed pointwise contents with at least four points	8 Hrs	8 Marks	
Unit IV	Detailed pointwise contents with at least four points	7 Hrs	7 Marks	
References:	Study Materials in the form of - Reference Books, Text Books, Research Articles, Digital Resources like Weblinks, E- Contents, Educational Software, Databases, etc.			
Model Questions:	Short Type (At least 8), Long Type (At least 4) and MCQs for Internal Assessment (At least 8) wherever applicable as the need of curriculum.			

Curriculum Design:

Each theory paper of shall be of 4 Credits comprising of 6 Units with Teaching Hours as mentioned in the table. The pattern of theory papers shall be as per following template –

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Max Marks
4.5	I			4	60	3Hrs	Internal 40+ External 60 Total 100

The Curriculum of any Course shall be designed as per following template:

Course Objectives:				
Course Outcomes:	As per Blooms Taxonomy (4 to 6)			
Unit System	**Contents**	**Workload Allotted**	**Weightage of Marks Allotted**	**Incorporation of Pedagogies**
Unit I	Detailed pointwise contents with at least four points	10 Hrs	10 Marks	BoS shall recommend suitable pedagogical strategies, both classical and contemporary innovations, for integration into the Teaching, Learning, and Evaluation (T, L, & E) Processes. These strategies should be tailored to enhance the delivery and comprehension of the course content within each Unit, ensuring that they align with the educational objectives and learning outcomes.
Unit II	Detailed pointwise contents with at least four points	10 Hrs	10 Marks	
Unit III	Detailed pointwise contents with at least four points	10 Hrs	10 Marks	
Unit IV	Detailed pointwise contents with at least four points	10 Hrs	10 Marks	
Unit V	Detailed pointwise contents with at least four points	10 Hrs	10 Marks	
Unit VI	Detailed pointwise contents with at least four points	10 Hrs	10 Marks	
References:	Study Materials in the form of - Reference Books, Text Books, Research Articles, Digital Resources like Weblinks, E- Contents, Educational Software, Databases, etc.			
Model Questions:	Short Type (At least ---), Long Type (At least ---) and MCQs for Internal Assessment (At least ---) wherever applicable as the need of curriculum.			

Appendix 11: Glossary of the Terms

- **Academic Credit:** An academic Credit is a unit by which the course work (theory/ practical/ training) is measured. Each course may be allotted Credits in proportion to the time expected to be devoted by the student for that course. Thus, it determines the number of hours of instructions required per week. One Credit means the standard methodology of calculating one hour of theory or one hour of tutorial or two hours of laboratory work or one week of internship per week for a duration of a semester (13-15 weeks) resulting in the award of one Credit; which is awarded by a higher educational institution on which these regulations apply.
- **Academic Bank of Credits (ABC):** ABC is an academic service mechanism as a digital/virtual/online entity established and managed by MoE/UGC to facilitate students to become its academic account holders and paving the way for seamless student mobilitybetween or within degree granting Higher Education Institutions (HEIs) through a formal system of Credit recognition, Credit accumulation, Credit transfers and Credit redemption to promote distributed and flexible teaching learning.
- **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
- **Assessment:** It is the process of collecting, recording, scoring, describing and interpreting information about learning
- **Academic Flexibility:** It is the provision for innovative and interchangeable curricular structures to enable creative combinations of Courses/Programmes in Disciplines of study leading to Degree/Diploma/PG Diploma/Certificate of Study offering multiple entry and multiple exit facilities in tune with National Education Policy-2020, while removing the rigid curricular boundaries and creating new possibilities of life-long learning.
- **Affiliated College:** It implies any higher education institution approved by the affiliating university on the basis of the stipulated norms and guidelines by virtue of which it provides for a course/programme of study for obtaining any qualification from a university.
- **Autonomous College:** It means any institution, whether known as such or by any other name accorded with autonomous status by the UGC upon the recommendations of the affiliating university and the State Government concerned, by virtue of which it provides for a course/programme of study with academic and innovation flexibility for obtaining any qualification from a university and which, in accordance with the Rules and Regulations of such university, is recognized as competent to provide for such course/programme of study and present students undergoing such course/programme of study for the examination leading to the award of such qualification.
- **Choice Based Credit System (CBCS):** The CBCS provides choice for students to select from the prescribed courses (core major, electives, minor, soft skill courses etc.)
- **Code:** Each course shall bear a distinguishing code (three letters and three digits) that identifies the discipline from which it is being offered.
- **Conventional Mode of Learning:** It means a mode of providing learning opportunities through face to face interaction between the teacher and learner in regular class room environment but does not exclude supplementary instructions if any for the learner through use of online.
- **Core or Major Course:** A course, which should compulsorily be studied by the student as a requirement of core or major subject is termed as a Core Course.
- **Course:** A basic unit of education and/or training. It means a paper which is taught for at least one semester as a part of a subject and is a component of a Programme. All courses need not carry the same weightage. A collection of courses forms a Programme of study.
- **Credit Point:** It is the product of grade point and number of Credits for a course.
- **Cumulative Grade Point Average (CGPA):** Weighted average of the grade points obtained in all courses registered by the student across semesters.
- **Elective Course:** Generally, a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.
- **Evaluation:** It is the process of making judgments based on evidences and interpretations gathered through examination and assessment and on the basis of agreed upon criteria.
- **Foreign Higher Educational Institution:** It represents a Higher Educational Institution duly established or incorporated or recognized in a foreign country and offering academic and research programmes at the undergraduate and/or higher levels.

- **Generic Elective (GE) or Open Elective (OE) Course:** An elective course chosen generally from an unrelated discipline/subject, with an intention to seek multidisciplinary exposure is called a Generic Elective.
- **Grade Point:** Numeric weightage attached to each letter grade.
- **Grade Point Average (GPA):** A system of calculating academic achievement based on an average, calculated by multiplying the numerical grade point received in each course by the number of Credits.
- **Graduate Attributes (GAs):** It is a set of individually assessable outcomes that are indicative of the graduate's potential to acquire competencies in that programme.
- **Higher Education Institutions:** The Higher Education Institutions (HEIs) who are empowered to award degrees by themselves or through their affiliating universities m accordance with Section 22 of the UGC Act, 1956.
- **Lateral Entry:** Lateral entry or admission is granted to those students who have exit after award of Certification, Diploma, or a Basic Bachelor's Degree and are eligible for and desirous of re-entering into the second year/ third year/ fourth year, respectively of same Four-year multidisciplinary degree programme at any ABC registered HEI within stipulated/ permissible period of years as decided by Statutory Councils of that HEI. Lateral entry is also open to those students, if he/she has already successfully completed a multidisciplinary Four-yearfirst degreeprogramme and is desirous of and academically capable of pursuing another multidisciplinary Four-yearfirst degreeprogramme an allied subject.
- **Learning Management System** (LMS): It means a system to keep track of delivery of e-Learning Programmes, learner's engagement, assessment, results, reporting and other related details in one centralized location
- **Learning Outcome Based Education (LOBE):** Adherence to student-centric learning approach to measure student's performance based on pre-determined set of outcomes.
- **Letter Grade:** Index of performance resulting from the transformation of actual marks obtained by a student in a course.
- **Major Courses:** The discipline in which the student shall pursue major study in his/her Undergraduate/Master's Programme.
- **Proctored Examination:** It means the examination conducted under the supervision of approved person or technology enabled proctoring which ensures the identity of the test taker and the integrity of the test taking environment, either in pen-paper mode or in computer-based testing mode or in full-fledged online mode, as may be permissible.
- **Programme:** Programme /Programme of study means a higher education programme pursued for a degree specified by the Commission under Section 22 (3) of the UGC Act. It also refers to a collection of courses in which a student enrolls and which contributes to meeting the requirements for the awarding of one or more Certificates/ Diplomas/ Degrees.
- **Programme Education Objectives (PEOs):** PEOs are broad statements that describes what graduates are expected to attend within few years of graduation.
- **Programme Learning Outcomes (PLOs):** They represent the knowledge, skills and attitudes a student should attain at the end of the programme.
- **Qualifications:** Qualifications are final 'awards' such as a Certificate, Diploma or Degree.
- Qualifications are awarded by a competent authority such as a college or university in recognition of the attainment by students of the expected learning outcomes on the successful completion of a particular programme of study. Qualifications can also signify the competence to follow an occupational practice.
- **Research Project/ Dissertation:** Project work is considered as a special course involving application of knowledge in solving / analyzing /exploring a real-life situation / difficult problem. The student undertakes research in specific areas of his Major/ Core Subject with an advisory support by a teacher/faculty member.
- **Rubric (Assessment Rubric):** A rubric for assessment, also called a scoring guide, is a tool used to interpret and grade students on any kind of work against criteria and standards.
- **Semester Grade Point Average (SGPA):** Performance of a student in a given semester.

Appendix

Preparatory and Explanatory documents for implementation of Uniform NEP Scheme (ANNEXURE-*nep*)

Table2 (A):IllustrativeCreditdistribution **Humanities & IDS**

Vertical	VerticalType		Semester						Total Credits	Grand Total
			I	II	III	IV	V	VI		
			Level							
				4.5		5.0		5.5		
(i)Three-yearUGDegreeProgrammeinMajor……andMinor…….(Level4.5.to5.5)										
a	**Major** Oneoutof Three (DSC)of Firstyear, Declared as major After Second semester, IKSand Elective	Mandatory 3DSCin Firstyear 1outof3 DSCas Majorafter Second Semester	(02+01) =03 (02+01), (02+01)	(02+01) =03 (02+01), (02+01)	(03+01), +(03) =07	(03+01), + (03+02)) =09	(03+01) =04	(03+02) =05	31	**42**
		IKS(Subject Specific/ Major)	--	--	01	01	--	--	02	
		Elective	--	--	--	--	04	05	09	
b	**Minor**(fromsame faculty OfDSCorotherfaculty) **18-20** Twooutofthreecourses Fromfirstyear.Oneof ThemconfirmedasMinor Aftersecondsemester.		(02+01), + (02+01) =06	(02+01), + (02+01) =06	(03+01) =04	(03+01) + (03+01) =08	02	--	**20 + 06** =26	**26**
c	**Generic/OpenElective Courses(OE)** (facultywiseBasketOther Than faculty of MajorSubject)**10-12**		04	04	02 + 02* =04	--	--	--	**12**	**12**
d	**(i)Vocational Skill Courses (VSEC)** correspondingtoMajor /Minor(Skill based/AdvancePractical whereverapplicable)**8-10**		--	--	--	--	05	05	**10**	**10**
	(ii) Skill Enhancement Courses-SEC(Lifeskills As per UGC)**6**		02	02	02	--	--	--	**06**	**06**
e	**(i)AbilityEnhancement Courses**(AEC)-Focus: LinguisticSkills(English +ModernIndian Language(MIL))**8**		02+02= 04	02+02= 04	--	--	--	--	**08**	**08**
	(ii)IndianKnowledge System(IKS)(Generic)**2**		01	01	--	--	--	--	**02**	
	(iii)ValueEducation Courses(VEC) *UnderstandingIndia, EVS,Digital& TechnologicalSolution*.**4**		--	--	02	02	--	--	**04**	

f	**(i)Internships/ Apprenticeship/OJT** corresponding to Major **8**	--	--	--	--	04	04	**08**	
	(ii)Field Projects/Community Engagement&Service (CEP) CorrespondingtoMajor**4-6**	--	--	--	--	03	03	**06**	

	(iii)Co-curricular courses(CC) (health & wellness, yoga education, sports, fitness, cultural activities, NSS/NCC & Fine/ Applied/ Visual/ PerformingArts.(Courses: **04** and Activities :**04**) **8**	02 (Courses)	02 (Courses)	02*	02*			**08**	
	TotalCredits	22	22	22	22	22	22	**132**	
	Note: Students performing in International, National, Zone, State and University level can earn maximum06Credits[2CreditsfromOEand4CreditsfromCC](asprescribedintheconcerned SOP) in lieu of courses, whose credits are superscripted with*								

Table 2: Credit distribution Science & Commerce

Verti	Vertical Type	Semester I	Semester II		Semester III	Semester IV	Semester V	Semester VI	Total Credits	Grand Total
	(i) Three-year UG Degree Programme (Level 4.5.to 5.5)									
a	**Major *** (DSC) **60-64** (Minimum 50% of Total Credits)	2+2 (4)	2+2 (4)	**Major** Mandatory	4+2 (6)	4+2 (6)	6+4 (10)	4+4 (8)	22+16 (38)	**48**
				IKS (Subject Specific)	2	0	0	0	2	
				Elective	0	0	2+2 (4)	2+2 (4)	4+4 (8)	
b	**Minor*** (from same faculty of DSC) **18-24**	2+2 (4)	2+2 (4)	**Minor**	2+2 (4)	2+2 (4)	2+2 (4)	2+2 (4)	12+12 (24)	**24**
c	**Generic/ Open Elective Courses (OE)** (faculty wise Basket Other than faculty of Major/Minor Subject) **10-12**	4	4		2	2	0	0	12	**12**
d	**(i)Vocational Skill Courses (VSEC)** corresponding to Major /Minor (Skill based/ Advance Practicals wherever applicable) **8-10**	0	2		2	2	2	2	10	**10**
	(ii) Skill Enhancement Courses - SEC (Basket of skill courses approved by the University) **6**	2	2		0	2	0	0	6	**6**
e	**(i)Ability Enhancement Courses** (AEC)- Focus: Linguistic & Communication Skills (Eng.+ Modern Indian Language) **8**	2	2		2	2	0	0	8	**8**
	(ii)Indian Knowledge System (IKS)2 (Generic)	2	0		0	0	0	0	2	**2**
	(iii)Value Education Courses (VEC) *Understanding India, EVS, Digital & Technological Solution*. **4**	2	2		0	0	0	0	4	**4**
f	**(i) Internships/ Apprenticeship** corresponding to Major **8 OJT**	0	0		0	0	0	4	4	**4**
	(ii)Field Projects/CommunityEngagement &Service(CEP) corresponding to Major **4-6**	0	0		2	2	2	0	6	**6**
	(iii) Co-curricular courses (CC) (health & wellness, yoga education, sports, fitness, cultural activities, NSS/NCC & Fine/ Applied/ Visual/ Performing Arts **8**	2	2		2	2	0	0	8	**8**
	Total Credits	**22**	**22**		**22**	**22**	**22**	**22**	**132**	**132**

Table 2: Credit distribution Uniform Scheme

Vertical	Vertical Type	Credit Distribution							Total Credits	Grand Total
		I	II		III	IV	V	VI		
	(i) Three-year UG Degree Programme (Level 4.5.to 5.5)									
a	**Major**	4	4	Major	6	8	8	8	**38**	**48**
	(DSC) **60-64**			IKS	2				**2**	
	(Minimum 50% of Total Credits)			Elective	0	0	4	4	**8**	
b	**Minor** (from same faculty of DSC) **18-24**	4	4		4	4	4	4	**24**	**24**
c	**Generic/ Open Elective Courses (OE)** (faculty wise Basket Other than faculty of Major/Minor Subject) **10-12**	4	4		2	2	0	0	**12**	**12**
d	**(i)Vocational Skill Courses (VSEC)** corresponding to Major /Minor (Skill based/ Advance Practical wherever applicable) **8-10**	0	2		2	2	2	2	**10**	**16**
	(ii) Skill Enhancement Courses -SEC (Basket of skill courses approved by the University) **6**	2	2		0	0	2	0	**6**	
e	**(i)Ability Enhancement Courses** (AEC)- Focus: Linguistic & Communication Skills (Eng.+ Modern Indian Language) **8**	1+1	1+1		1+1	1+1	0	0	**8**	**14**
	(ii)Indian Knowledge System (IKS) 2 (Generic)	2	0		0	0	0	0	**2**	
	(iii)Value Education Courses (VEC) *Understanding India, EVS, Digital & Technological*	2	2		0	0	0	0	**4**	

	Solution. **4**									
f	**(i) Internships/ Apprenticeship** corresponding to Major **8 OJT**	0	0		0	0	0	4	**4**	**18**
	(ii)Field Projects/Community Engagement & Service(CEP) corresponding to Major **4-6**	0	0		2	2	2	0	**6**	
	(iii) Co-curricular courses (CC) (health & wellness, yoga education, sports, fitness, cultural activities, NSS/NCC & Fine/ Applied/ Visual/ Performing Arts **8**	2	2		2	2	0	0	**8**	
	Total Credits	22	22		22	22	22	22	132	**132**

Vertical Wise Comparative Credit Charts

A

Present Scheme	**Major Vertical**					
Faculty/Semseter	**I**	**II**	**III**	**IV**	**V**	**VI**
Humanities & Inter Disciplinary	3	3	8	10	8	10
		6		**24**		
Science & Commerce	4	4	8	6	14	12
		8		**22**		
Uniform NEP Scheme	4	4	8	8	12	12
		8		**24**		

B

Present Scheme	**Minor Vertical**					
Faculty/Semester	**I**	**II**	**III**	**IV**	**V**	**VI**
Humanities & Inter Disciplinary	3	3	4	8	2	0
		6		**18**		
Science & Commerce	4	4	4	4	4	4
		8		**16**		
Uniform NEP Scheme	4	4	4	4	4	4
		8		**16**		

C

Present Scheme	**GOEC Vertical**					
Faculty/Semester	**I**	**II**	**III**	**IV**	**V**	**VI**
Humanities & Inter Disciplinary	4	4	4	0	0	0
		8		**4**		
Science & Commerce	4	4	2	2	0	0
		8		**4**		
Uniform NEP Scheme	4	4	2	2	0	0
		8		**4**		

Present Scheme	**Vocational Skill course**					
Faculty/Semester	**I**	**II**	**III**	**IV**	**V**	**VI**
Humanities & Inter Disciplinary	0	0	0	0	5	5
Science & Commerce	0	2	2	2	2	2
Uniform NEP Scheme	0	2	2	2	2	2

d (ii)

Present Scheme	**Skill Enhancement Courses**					
Faculty/Semester	**I**	**II**	**III**	**IV**	**V**	**VI**
Humanities & Inter Disciplinary	2	2	2	0	0	0
		4		**6**		
Science & Commerce	2	2	0	2	0	0
		4		**6**		
Uniform NEP Scheme	2	2	0	0	2	0

e (i)

Present Scheme	**Ability Enhancement Course**					
Faculty/Semester	**I**	**II**	**III**	**IV**	**V**	**VI**
Humanities & Inter Disciplinary	4	4	0	0	0	0
		8		**0**		
Science & Commerce	2	2	2	2	0	0
		4		**4**		
New	2	2	2	2	0	0

e (ii)

Present Scheme	**IKS Generic**					
Faculty/Semester	**I**	**II**	**III**	**IV**	**V**	**VI**
Humanities & Inter Disciplinary	1	1	0	0	0	0
		2				
Science & Commerce	2	0	0	0	0	0
		2				
New	2	0	0	0	0	0

e (iii)

Present Scheme	**Value Education**					
Faculty/Semester	**I**	**II**	**III**	**IV**	**V**	**VI**
Humanities & Inter Disciplinary	0	0	2	2	0	0
		0		**4**		
Science & Commerce	2	2	0	0	0	0
		4				
New	2	2	0	0	0	0

f (i)

Present Scheme	**Internship/Apprenticeship**					
Faculty/Semester	**I**	**II**	**III**	**IV**	**V**	**VI**
Humanities & Inter Disciplinary	0	0	0	0	4	4
Science & Commerce	0	0	0	0	0	4
New	0	0	0	0	0	4

f (ii)

Present Scheme	**Field Projects/Community**					
Faculty/Semester	**I**	**II**	**III**	**IV**	**V**	**VI**
Humanities & Inter Disciplinary	0	0	0	0	3	3
Science & Commerce	0	0	2	2	2	0
New	0	0	2	2	2	0

f (iii)

Present Scheme	**Co-Curricular**					
Faculty/Semester	**I**	**II**	**III**	**IV**	**V**	**VI**
Humanities & Inter Disciplinary	2	2	2	2	0	0
Science & Commerce	2	2	2	2	0	0
New	2	2	2	2	0	0

NEP Merging Scheme

Thestructure of new education policy expects that there should be uniformity in the credit structure and curriculum of any program falling under faculties Science and Technology, Commerce and Management, Humanities and Interdisciplinary studies. As in the initial phase of implementation the credit structure of all faculties of our university was lacking uniformity and thus academic council in its meeting dated **29/01/2026** unanimously decided to adopt the uniform structure strictly in adherence with the provisions of GR dated 20/04/23 and report of R.D.Kulkarni enacted through the GR dated 04/11/2022 to avoid the confusion and discrepancies in workload calculation.

On this backdrop the Proposed Uniform Scheme**(ANNEXURE-*nep*)** accommodating the needs of students of all four faculties, has been formulated. The due precaution is taken so that the uniform scheme should absorb all schemes of four faculties at all stages of implementation in such a manner that the provisions of NEW NEP and OLD NEP would not be required.

A) Implementary provisions (Absorption under Uniform ANNEXURE-*nep*) to be observed for implementation of proposed Common NEP Scheme to the Vth Semester of faculties of humanities and interdisciplinary from the year 2026-27

a Major: - Till semester IV, Uniform NEP scheme requires completion of 24 credits and as the same are completed, hence, no correction is required.

b Minor: - Till semester IV, Uniform NEP scheme requires completion of 16 credits and as the 18 credits are already completed hence, no correction is required. However, the student has to undergo for the completion of 04 credits in semester V & VI each, leads to total credit of minor vertical to the tune of 18+8=26 and thus the students of existing batches of humanities and interdisciplinary are eligible for undertaking PG program in Minor which otherwise in old scheme of humanities and interdisciplinary would not have been possible. (02 credits surplus)

c) **GOEC: -** Till semester four, Uniform NEP scheme requires completion of 12 credits and the existing scheme has already ensured completion of 12 credits till semester four and hence no correction is required.

d) (i) **Vocational Skill Course (related to major):-**Till semester four, Uniform NEP scheme requires completion of 06 credits, however the old scheme of humanities and interdisciplinary have not offered any credit till semester four. However, in the old scheme of humanities in first two semester, they have studied one additional paper which is

dropped in the semester three. As an exception only for this batch those 06 credits may be clubbed under this vertical, and according to new common scheme in semester V & VI those students will undertake 04 credits of vocational skill course.

d (ii) **Skill Enhancement Course: -** Till semester four Uniform NEP scheme requires completion of 04 credits and the existing scheme has already ensured completion of 06 credits till semester four and hence no correction is required.

e (i) **Ability Enhancement Course: -** Till semester four Uniform NEP scheme require completion of 08 credits and the existing scheme has already ensured completion of 08 credits till semester four and hence no correction is required.

e **(ii) IKS Generic:** Till semester four Uniform NEP scheme require completion of 02 credits and the existing scheme has already ensured completion of 02 credits till semester four and hence no correction is required.

e **(iii) Value Education: -** Till semester four Uniform NEP scheme require completion of 04 credits and the existing scheme has already ensured completion of 04 credits till semester four and hence no correction is required.

f **(i) Internship/Apprenticeship: -** Till semester four Uniform NEP scheme does not require completion of any credits and thus the provisions of NEW Scheme may be applicable directly from Semester V and onwards.

f **(ii) Field Projects/Community Engagement Programs:-** Till semester four Uniform NEP scheme require completion of 04 credits and as the existing scheme has not completed any credit under this vertical, the students have to undertake the backlog of these 04 programs along with another 02-credit program in semester V as required by Uniform NEP scheme.

f **(iii) Cocurricular Courses: -** Till semester four Uniform NEP scheme require completion of 08 credits and the existing scheme has already ensured completion of 08 credits till semester four hence no correction is required.

B) Implementary provisions (Absorption under Uniform ANNEXURE-*nep*) to be observed for implementation of proposed Common NEP Scheme to the IIIrd Semester of faculties of humanities and interdisciplinary from the year 2026-27

a **Major: -** Till semester two, Uniform NEP scheme requires completion of 08 credits and as the existing scheme has provided 06 credits the shortfall is of 02 credits.

b **Minor: -** Till semester two, Uniform NEP scheme requires completion of 08 credits and as the existing scheme has provided 06 credits the shortfall is of 02 credits.

As those students have studied 1 additional paper of 03 credits each in semester I & II respectively, these additional 06 credits can be utilized for compensating the above short fall of 02 credits of major and 02 credits of minor only **as an exception for this batch.**

c) **GOEC: -** Till semester two, Uniform NEP scheme requires completion of 08 credits and the existing scheme has already ensured completion of 08 credits till semester two and hence no correction is required.

d) **(i) Vocational Skill Course (related to major)** Till semester two, Uniform NEP scheme requires completion of 02 credits, however the old scheme of humanities and interdisciplinary have not offered any credit till semester two. However, in the old scheme of humanities in first two semester, they have studied one additional paper which is dropped in the semester three. Out of these 06 credits 04 credits have already been utilized for compensating the short fall of 02 credits each of major and minor vertical. The balance 02 credits can be utilized here.

d **(ii) Skill Enhancement Courses: -** Till semester two, uniform NEP scheme requires completion of 04 credits and the existing scheme has already ensured completion of 04 credits till semester two hence no correction is required.

e (i) **Ability Enhancement Course: -** Till semester two, uniform NEP scheme requires completion of 04 credits and the existing scheme has already ensured completion of 08 credits till semester two hence no correction is required. (surplus 04 credits)

e (ii) **IKS Generic:** Till semester two, uniform NEP scheme requires completion of 02 credits and the existing scheme has already ensured completion of 02 credits till semester two hence no correction is required.

e (iii) **Value Education: -** Till semester two, uniform NEP scheme requires completion of 04 credits and the existing scheme has not provided any credit till semester two, hence these students have to undertake 02 credit course in semester III & IV along with the students of Semester I & II

f (i) **Internship/Apprenticeship: -** Till semester two, Uniform NEP scheme does not require completion of any credits and thus the provisions of NEW Scheme may be applicable directly from Semester III and onwards.

f (ii) **Field Projects/Community Engagement Programs:-** Till semester two, Uniform NEP scheme does not require completion of any credits and thus the provisions of NEW Scheme may be applicable directly from Semester III and onwards.

f (iii) **Cocurricular Courses: -** Till semester two uniform NEP scheme require completion of 04 credits and the existing scheme has already ensured completion of 04 credits till semester four and hence no correction is required.

C) Implementary provisions (Absorption under Uniform ANNEXURE-*nep*) to be observed for implementation of proposed Common NEP Scheme to the Vth Semester of faculties of Science & Technology and Commerce & Management from the year 2026-27

a **Major: -** Till semester four Uniform NEP scheme require completion of 24 credits and the existing scheme of science & technology, commerce & Management has ensured completion of 22 credits (short fall of two credits)

b **Minor: -** Till semester four Uniform NEP scheme require completion of 16 credits and as the 16 credits are already completed no correction is required.

c) **GOEC: -** Till semester four Uniform NEP scheme require completion of 12 credits and the existing scheme has already ensured completion of 12 credits till semester four hence no correction is required.

d) (i) **Vocational Skill Course (related to major)** Till semester four Uniform NEP scheme require completion of 06 credits, and as the same are completed in existing scheme no correction is required.

d (ii) **Skill Enhancement Course: -** Till semester four Uniform NEP scheme requires completion of 04 credits and the existing scheme has already ensured completion of 06 credits till semester four hence no correction is required. However as required by new scheme students will undertake one two credit course of skill enhancement in semester V (Compulsorily related to Major) in order to compensate the short fall of 02 credits of Major.

e (i) **Ability Enhancement Course: -** Till semester four Uniform NEP scheme require completion of 08 credits and the existing scheme has already ensured completion of 08 credits till semester four hence no correction is required.

e (ii) **IKS Generic:-** Till semester four Uniform NEP scheme require completion of 02 credits and the existing scheme has already ensured completion of 02 credits till semester four hence no correction is required.

e (iii) **Value Education: -** Till semester four Uniform NEP scheme require completion of 04 credits and the existing scheme has already ensured completion of 04 credits till semester four hence no correction is required.

f (i) **Internship/Apprenticeship: -** Till semester four Uniform NEP scheme does not require completion of any credits and thus the provisions of Uniform may be applicable directly from Semester V and onwards.

f (ii) **Field Projects/Community Engagement Programs:-** Till semester four Uniform NEP scheme require completion of 04 credits and as the existing scheme has ensured the completion of 04 credits, no correction is required

f (iii) **Cocurricular Courses: -** Till semester four Uniform NEP scheme require completion of 08 credits and the existing scheme has already ensured completion of 08 credits till semester four hence no correction is required.

D) **Implementary provisions (Absorption under Uniform ANNEXURE-*nep*) to be observed for implementation of proposed Common NEP Scheme to the IIIrd Semester of faculties of Science & Technology and Commerce & Management from the year 2026-27**

a) **Major: -** Till semester two Uniform NEP scheme require completion of 08 credits and as the existing scheme has provided 08 credits, No correction is required.

b **Minor: -** Till semester two Uniform NEP scheme require completion of 08 credits and as the existing scheme has provided 08 credits, No correction is required.

c) **GOEC: -** Till semester two Uniform NEP scheme require completion of 08 credits and the existing scheme has already ensured completion of 08 credits till semester two hence no correction is required.

d) (i) **Vocational Skill Course (related to major)** Till semester two Uniform NEP scheme require completion of 04 credits,

d (ii) **Skill Enhancement Course: -** Till semester IInd Uniform NEP scheme require completion of 04 credits and as the existing scheme has already ensured completion of 04 credits till semester two hence no correction is required.

e (i) **Ability Enhancement Course: -** Till semester two Uniform NEP scheme require completion of 04 credits and the existing scheme has already ensured completion of 04 credits till semester two hence no correction is required.

e (ii) **IKS Generic:-** Till semester two Uniform NEP scheme require completion of 02 credits and the existing scheme has already ensured completion of 02 credits till semester two hence no correction is required.

e (iii) **Value Education: -** Till semester four Uniform NEP scheme require completion of 04 credits and the existing scheme has ensured completion of 04 credits no correction is required.

f (i) **Internship/Apprenticeship: -** Till semester two Uniform NEP scheme does not require completion of any credits and thus the provisions of Uniform may be applicable directly from Semester III and onwards.

f (ii) **Field Projects/Community Engagement Programs:-** Till semester two Uniform NEP scheme does not require completion of any credits and thus the provisions of Uniform may be applicable directly from Semester III and onwards.

f (iii) **Cocurricular Courses: -** Till semester two Uniform NEP scheme require completion of 04 credits and the existing scheme has already ensured completion of 04 credits till semester two hence no correction is required.

Appendix 12:Abbreviations

ABC	Academic Bank of Credit
AEC	Ability Enhancement Courses
CC	Co-curricular Courses
CAT	Continuous Assessment Test
CES	Community Engagement and service
DSC	Department Specific Core
DSE	Department Specific Elective
ES	Environment Studies
Faculty Specific Elective	FSE
FP	Field projects
GE	Generic Electives
HEI	Higher Educational Institute
IFSC	Inter Faculty Specific Core
IKS	Indian Knowledge System
Lab	Laboratory
MIL	Modern Indian Languages
MIL	Modern Indian Language
MOOC	Massive Online Open Course
NCrF	National Credit Framework
NEP	National Education Policy
OE	Open Electives
On Job Training	OJT
Pr	Practical/Practicum
Prq	Pre-requisite Course
Research Methodology	RM
RP	Research Project
SEC	Skill Enhancement Courses
Th	Theory
UGC	University Grants Commission
VEC	Value Education Courses
Vocational Enhancement Courses	VEC
VSC	Vocational Skill Courses
VSEC	Vocational and Skill Enhancement Courses

Bibliography:

1. Kulkarni R D, NEP 2020: Report on Structure and curriculum of 4 year and dual multi-disciplinary degree program with multiple entry and exit options for implementation in state universities of Maharashtra; Ministry of Higher and Technical Education, Government of Maharashtra State, October 2022
2. UGC, New Delhi, Curriculum and Credit Framework for Undergraduate Programmes, 12 December 2022.
3. Government Resolution, Government of Maharashtra State, No. NEP/2022/ Pr. Kr. 09/ Vishi-3/Shikana dated 20 April 2023 (GR Code: 202304201925266908)
4. Government Resolution, Government of Maharashtra State, No. NEP/2022/ Pr. Kr. 105/ Vishi-3/Shikana dated 6 Dec 2022 (GR Code: 202212061843114008)
5. UGC, New Delhi,Learning Outcomes-based Curriculum Framework for Undergraduate Education, January, 2020

Appendix Syllabus :- IKS Generic

Sant Gadge Baba Amravati University

Three/Four-Years UG Programme (NEP) with Multiple Entry and Multiple Exit Options

Course/Subject :Indian Knowledge Systems (Generic)

All Four Faculties of Studies

UG Program-Semester I

Credits 02 Maximum Marks:50

Lectures: 02 hours per week

Expected Lectures for semester I:- 30 to 34

Course Outcomes:

After completion of this course successfully, students would be able to

1. Develop an appreciation about the role and importance of Veda, Vedangas, Upanishadas, Ramayana, Mahavharata, Prominent ancient art forms and skills, etc.
2. Gain Knowledge about the role and importance of Yoga and Ayurveda
3. Understand the role and contribution of ancient Indian Science
4. Understand the role and contribution of ancient Indian Art & Literature

Unit I Introduction to Indian Knowledge & Philosophy

1. Nature of Knowledge – Difference between information and knowledge. The five sense organs and their respective perceptions. Nature of mind and intellect. True vs. false knowledge. Means of acquiring knowledge – *Perception (Pratyaksha)*, *Inference (Anumana)*, *Comparison (Upamana)*, *Verbal testimony (Shabda)*. Introduction to other means (Pramanas).
2. Introduction to Vedas and Vedangas – Overview of the four Vedas and their six branches (Vedangas).
3. Introduction to the Ten Principal Upanishads
4. Introduction to the Six Classical Philosophical Schools (Shat Darshanas)
5. Introduction to Buddhist and Jain Philosophy

6. Introduction to Puranic Literature – Nature of the Puranas, their definition, major themes, and a basic overview of the 18 Mahapuranas.
7. Introduction to the Ramayana
8. Introduction to the Mahabharata

Unit II - Introduction to Ayurveda and Yoga

1. Nature of Ayurveda – Its scope, objectives, applications, and global recognition.
2. Introduction to Ancient Ayurvedic Scholars – Charaka, Sushruta, Vagbhata, etc., their texts and contributions.
3. Ayurvedic Daily Routine (Dinacharya) and Seasonal Regimen (Ritucharya)
4. Diet, Lifestyle, and Thought – Concept of wholesome food, incompatible foods (ViruddhaAahar), and mental hygiene.
5. Introduction to Yoga Shastra – Contributions of Maharshi Patanjali and other sages; their texts and teachings.
6. Surya Namaskar and Important Yogic Postures (Asanas) – Their significance and applications.
7. Introduction to Various Yogic Mudras – Their meanings and benefits.

Unit III Ancient Indian Science& Technology

1. Scientific Thought in Ancient India – The psychological foundation of this thought. Its ecological and sustainable nature. Science in daily life.
2. Ancient Indian Astronomy – Ancient texts, authors, major theories, and comparison with modern astronomy.
3. Ancient Indian Chemistry (Rasayana Shastra) – Related texts, authors, major concepts, and their modern relevance.
4. Ancient Indian Metallurgy and Physics – Texts, authors, key principles, and comparison with modern science.
5. Ancient Indian Mathematics – Texts, mathematicians, key theories, and comparison with contemporary systems.

6. Ancient Indian Architecture and Vastu Shastra – Ancient texts, authors, principles, and comparison with modern architectural science.
7. Ancient Indian Life Sciences (Botany& Zoology) – Key texts, authors, major principles, and comparison with modern relevance.
8. Ancient Indian Technology: Evidences and Practices of Ancient Technology with special reference to Civil Engineering-Architecture, Metallurgy and Instruments

Unit IV Ancient Indian Art, Economics and Literature

1. Bharatamuni's Natyashastra and the Philosophy of Drama (Rupaka Chintan)
2. Introduction to Sanskrit Epics – Brief overview of the five major epics in Sanskrit literature.
3. Introduction to Ancient Indian Authors – Important literary figures and their key works.
4. Introduction to Kautilya's Arthashastra – Structure of the text, subjects covered, and its relevance in modern times.
5. Introduction to the 14 Vidyas (Branches of Knowledge)
6. Introduction to the 64 Arts (Kalās)
7. Introduction to Ancient Indian Ethics (Niti Shastra) – The ultimate aim of education as ethics. Nature of Indian ethical thought. Introduction to important texts on ethics.

Text Books:

1. Introduction to Indian Knowledge System: Concepts and Applications by B. Mahadevan, Vinayak R. Bhat and Nagendra P. R. N., PHI Learning Private Limited, 2022. 2. Kapur K and Singh A. K (Eds) 2005).
2. Indian Knowledge Systems, Vol. 1. Indian Institute of Advanced Study, Shimla. Tatvabodh of sankaracharya, Central chinmay mission trust, Bombay, 1995.

Reference Books:

1. Collection of Four Vedas (Rigveda Samhita, Yajurveda Samhita, Samveda Samhita, Atharva Veda Samhita), by Pandit ShriRam Sharma Acharya, Motilal Banarasidass

2. Collection of Vedas (Rigveda, Shukla Yajurveda, Krishna Yajurveda, Samveda, Atharva Veda), by Brahmarshi Maha Mahopadhyaya Pandit Shreepad Damodar Satvalekar, Publisher: Swadhyaya mandal, Pardi (Balsad), Printer: SamvadTradeprints, 1005, Sadashiv Peth, Pune

3. Nair, Shantha N. Echoes of Ancient Indian Wisdom. New Delhi: Hindology Books, 2008.

4. SK Das, The education system of Ancient hindus, Gyan publication house, India

5. BL Gupta, Value and distribution system in India, Gyan publication house, India

6. Reshmi ramdhoni, Ancient Indian Culture and Civilisation, Star publication ,2018

7. Supriya Lakshmi Mishra, Culture and History of Ancient India (With Special Reference of Sudras), 2020.

8. Gambirananda, Swami, Tr. Upanishads with the Commentary of Sankarachrya. Kolkata: Advaita Ashrama publication Department, 2002.

9. Ranganathananda, Swami. The Message of the Upanishads. Bombay: Bharathya Vidya Bhaven, 1985.

10. Om Prakash, Religion and Society in Ancient India, Bhariya Vidhya Prakashan, 1985

11. J Auboyer, Daily Life in Ancient India from Approximately 200 BC to AD 700, Munshi ram Manoharlal publication, 1994. 12. DK Chakkrabarty, Makkhan Lal, History of Ancient India (Set of 5 Volumes), Aryan book International publication, 2014 13. Dr. Girish Nath Jha, Dr. Umesh Kumar

Singh and Diwakar Mishra, Science and Technology in Ancient Indian Texts, DK Print World limited,

14. Swami BB Vishnu, Vedic Science and History - Ancient Indian's Contribution to the Modern World, gosai publication, 2015

15. Chatterjee, S.C. The Nyaya Theory of Knowledge. Calcutta: University of Calcutta Press, 1950.

16. Dasgupta, Surendra. A History of Indian Philosophy. Delhi: Motilal Banarsidass, 1991.Vols. III & IV.

17. Mercier, Jean L. From the Upanishads to Aurobindo. Bangalore: Asian Trading Corporation, 2001.

18. M. Hiriyanna. Essentials of Indian Philosophy. London: Diane Publications, 1985.

19. Hume, Robert Ernest, Tr. The Thirteen Principal Upanishads. Virginia: Oxford University Press, 1931.

20. Radhakrishnan, S. Principal Upanishads. New York: Harper Collins, 1963.

21. Satprakashananda. The Methods of Knowledge according to Advaita Vedanta. Calcutta: Advaita Ashram, 2005.

22. Potter, K.H. Encyclopaedia of Indian Philosophies, Vol.III. Delhi: Motilal Banarasidass, 2000.

23. Kurhekar Acharya Shreyas Charudatta Indian Knowledge System: Introduction & Prospects, H.V.P.Mandal's Degree College of Physical Education, Amravati, Maharashtra, 2024.

VEC : SEM - I :- MANDATORY FOR ALL STUDENTS

Sant Gadge Baba Amravati University, Amravati

Compulsory Value Education Course on Environmental Studies
Under NEP-2020

Environmental Studies has emerged as an essential component of higher education in the present century, as humanity faces increasingly complex challenges arising from climate change, environmental degradation, biodiversity loss, pollution, depletion of natural resources, and unsustainable patterns of development. The study of environment is no longer confined to the domain of natural sciences alone; it has become a multidisciplinary and socially significant field that concerns every student, irrespective of faculty or discipline. A sound understanding of environmental issues is necessary not only for academic enrichment but also for developing responsible citizens who are capable of making informed decisions for sustainable living and collective well-being. In this context, Environmental Studies occupies a vital place in undergraduate education as a foundational course that links knowledge, values, attitudes, and action.

The University Grants Commission has long recognized the importance of Environmental Studies as a compulsory component of undergraduate education for students of all branches. The UGC model syllabus emphasizes the multidisciplinary nature of environmental studies and underlines the need to create awareness regarding natural resources, ecosystems, biodiversity, environmental pollution, social issues, and sustainable development. It highlights that environmental education should promote understanding of the interrelationship between human beings and nature, while also encouraging practical engagement through field-based learning. Thus, the UGC framework establishes Environmental Studies as a universal academic responsibility intended to foster environmental literacy among all learners.

The National Education Policy 2020 further strengthens the relevance of Environmental Studies by placing sustainability, holistic education, ethical development, and multidisciplinary learning at the centre of higher education reforms. NEP envisions education as a means to cultivate not only knowledge and skills, but also constitutional values, scientific temper, critical thinking, responsible citizenship, and sensitivity toward social and ecological realities. Within this broader framework, environmental learning becomes a necessary part of building socially conscious and future-ready graduates. NEP encourages institutions to move beyond rote content and to design courses that are outcome-based, experiential, value- oriented, and connected with real-life challenges. Environmental Studies, therefore, becomes a medium through which students can develop awareness of local, national, and global environmental concerns while also nurturing habits and values that support sustainable development.

The Maharashtra State NEP implementation framework gives a more specific and practical direction to this vision by placing Environmental Studies under the category of Ability Enhancement Courses (AEC). The policy clearly indicates that courses in Environmental Science and Sustainable Development are to be offered as mandatory courses for students of all disciplines during the first two years of undergraduate education. At the same time, the Maharashtra framework also links higher education with professional ethics, value education, life skills, global citizenship, and education for sustainable development. This means that

Environmental Studies is expected not merely to transmit information about the environment, but to cultivate ecological responsibility, ethical awareness, community orientation, and sustainable behaviour among students. The course, therefore, must be interdisciplinary, accessible to learners from all faculties, and designed in a manner that connects environmental understanding with everyday life, citizenship, and social commitment.

In view of these academic and policy perspectives, the present syllabus in Environmental Studies is designed as a compulsory undergraduate course for students of all faculties under the NEP framework. It seeks to integrate the foundational concerns of the UGC syllabus with the holistic, outcome-based, and value-oriented expectations of NEP 2020 and the Maharashtra State guidelines. The course aims to develop environmental awareness, scientific understanding, sustainable attitudes, and a sense of individual and collective responsibility toward nature and society. It is expected that through this course, students will not only acquire conceptual knowledge of environmental issues but also become more conscious participants in the creation of a sustainable and harmonious future.

Curriculum:

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Max Marks
4.5	I		Environmental Studies	2	30	2 Hrs	30

The Curriculum of any Course shall be designed as per following template:

Course Objectives:

1. To introduce students of all faculties to the basic concepts, scope, and importance of Environmental Studies in contemporary life.
2. To develop understanding of ecosystems, natural resources, biodiversity, and major environmental challenges at local, national, and global levels.
3. To relate environmental issues with sustainable development, ethics, constitutional responsibility, and responsible citizenship.
4. To familiarize students with Indian Knowledge Systems, traditional ecological wisdom, and community-based environmental practices.
5. To introduce the role of modern tools including Artificial Intelligence, digital technologies, and data-based approaches in environmental monitoring and management.
6. To encourage environmentally responsible attitudes, problem-solving ability, and sustainable lifestyle practices among students.

Course Outcomes:

After completion of the course, the student will be able to:

1. **Explain** the multidisciplinary nature, scope, and significance of Environmental Studies and sustainable development.
2. **Describe** the structure and function of ecosystems, natural resources, biodiversity, and their relevance to human well-being.
3. **Analyze** major environmental problems such as pollution, climate change, resource depletion, and biodiversity loss in relation to society and development.

4. **Apply** principles of environmental ethics, sustainable living, and ecological citizenship in personal, academic, and community contexts.
5. **Examine** the contribution of Indian Knowledge Systems and appropriate modern technologies, including AI-based tools, in environmental conservation and decision-making.
6. **Propose** simple local solutions or informed actions for environmental improvement based on observation, evidence, and responsible participation.

Unit System	Contents
Unit I	Environmental Studies: Foundation, Scope and Contemporary Relevance 1.1 : Concept, definition, scope and multidisciplinary nature of Environmental Studies. 1.2 : Components of environment: physical, biological, social and cultural environment. 1.3 :Need and importance of environmental education in higher education; environmental awareness as a lifelong civic responsibility. 1.4 : Sustainable development: concept, pillars, intergenerational equity, SDGs and Lifestyle for Environment (LiFE). 1.5 : Human-environment relationship and ecological footprint. 1.6 : Constitutional, ethical and social responsibility toward environment.
Unit II	**Natural Resources, Ecosystems, Biodiversity and Indian Ecological Wisdom** **2.1 : Natural resources:** forest, water, land, food, mineral and energy resources—use, overexploitation, conservation and sustainable management. **2.2 : Ecosystem:** concept, structure, functions, food chain, food web, ecological pyramids and energy flow. 2.3 :**Biodiversity:** levels, values, threats and conservation; India as a mega-diversity nation. 2.4 :**In-situ and ex-situ conservation:** biodiversity hotspots with special reference to India. 2.5 : **Traditional ecological knowledge in India:** sacred groves, water harvesting traditions, biodiversity-friendly customs and community stewardship. 2.6 :**Indian Knowledge Systems (IKS) and environmental wisdom** in agriculture, water conservation, forestry and harmonious living with nature.
Unit III	**Environmental Pollution, Climate Change and Technology for Sustainability** 3.1 :**Environmental pollution:** air, water, soil, noise, thermal and solid waste pollution—causes, effects and control measures. 3.2 :**Climate change**, global warming, ozone depletion, acid rain and extreme weather events. 3.3 :**Waste management:** biodegradable and non-biodegradable waste, e-waste, plastic waste, biomedical waste, 5R principles and circular economy.

	3.4 :**Environmental health**, sanitation and sustainable urban living. 3.5 : **Role of science and technology in environmental management:** GIS, remote sensing, sensors, digital dashboards and environmental monitoring tools. 3.6 :**Introduction to Artificial Intelligence in environment:** AI for climate prediction, precision agriculture, disaster forecasting, biodiversity mapping, pollution monitoring and smart resource management. 3.7 :**Opportunities and limitations of AI:** data quality, bias, energy use, ethics and responsible technology deployment.
Unit IV	**Society, Policy, Ethics and Ecological Citizenship** 4.1 : **Environment and society:** population, urbanization, consumerism and environmental justice. 4.2 :**Environmental ethics, value education and ecological citizenship;** individual and collective responsibility. 4.3 :**Major environmental movements in India** and role of communities, youth and civil society. 4.4 : **Environmental policies and legal framework:** basic introduction to Environment Protection Act, Wildlife Protection Act, Forest Conservation Act, Biological Diversity Act and constitutional provisions. 4.5 :**Role of institutions**, media, education, local self-government and NGOs in environmental protection. 4.6 :**Sustainable campuses and green practices:** water saving, energy conservation, waste segregation, biodiversity-friendly campus, carbon-conscious behaviour. 4.7 :**Local action and future pathways:** community participation, citizen science, green entrepreneurship and innovation for sustainability.

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Text Books / Reference Books

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3. **Rajagopalan, R.***Environmental Studies: From Crisis to Cure.* Oxford University Press, India.
4. **Singh, Y. K.***Environmental Science.* New Age International Publishers.
5. **Chawla, Shashi.***A Textbook of Environmental Science.* Tata McGraw-Hill.

Policy / Guideline Documents

6. **UGC Core Module Syllabus for Environmental Studies for Undergraduate Courses.**
7. **NEP 2020 Report on Structure and Curriculum of Four Year and Dual Multidisciplinary Degree Programme for Maharashtra State Universities.**

Easy Digital / Indian Learning Resources

8. **MoEFCC, Government of India** – official resources on environment, biodiversity, climate and laws.
9. **CPCB / MPCB websites** – pollution awareness, waste management and environmental standards.
10. **India Biodiversity Portal** – simple and useful for biodiversity examples.
11. **ISRO Bhuvan** – basic Indian geospatial environmental resources.

Model Questions

A. Short Type Questions (At least 8)

Unit I

1. Define Environmental Studies.
2. What is sustainable development?

Unit II

3. What is an ecosystem?
4. What is biodiversity?

Unit III

5. What is e-waste?
6. What is climate change?

Unit IV

7. What is ecological citizenship?
8. What is a green campus?

B. Long Type Questions (At least 4)

1. Discuss the importance of Environmental Studies for undergraduate students of all faculties in the context of sustainable development and citizenship.
2. Explain natural resources, ecosystem functions, and biodiversity conservation with suitable examples from India.
3. Describe major forms of environmental pollution and discuss the role of science, technology and AI in their monitoring and management.
4. Discuss environmental ethics, Indian ecological wisdom, legal measures, and the role of citizens in achieving sustainable development.
5. Explain climate change, waste management, and green campus practices as essential components of ecological citizenship.

C. MCQs for Internal Assessment (At least 8)

1. Environmental Studies is primarily:
   a) Single-disciplinary
   b) Multidisciplinary
   c) Only biological
   d) Only social
2. The concept of sustainable development mainly emphasizes:
   a) Maximum industrial growth
   b) Present use without concern for future
   c) Balance between present needs and future generations
   d) Only natural resource extraction
3. Which of the following is an example of in-situ conservation?
   a) Botanical garden
   b) Seed bank
   c) National park
   d) Tissue culture lab
4. Which gas is mainly associated with global warming?
   a) Oxygen
   b) Carbon dioxide
   c) Nitrogen
   d) Hydrogen
5. E-waste refers to:
   a) Agricultural waste
   b) Electronic waste
   c) Liquid waste
   d) Food waste
6. Sacred groves are associated with:
   a) Industrial forestry
   b) Traditional community conservation
   c) Marine pollution
   d) Nuclear energy
7. One important use of AI in environmental science is:
   a) Reducing gravity
   b) Climate prediction
   c) Eliminating ecosystems
   d) Replacing biodiversity
8. The Environment Protection Act in India was enacted in:
   a) 1947
   b) 1972
   c) 1986
   d) 2002
9. The 5R principle does not include:
   a) Refuse
   b) Reduce
   c) Restore
   d) Recycle
10. Ecological citizenship mainly refers to:
    a) Voting rights only
    b) Responsible environmental behaviour
    c) Industrial expansion
    d) Urban migration only

Constitution of India

Compulsory For All Faculties, (U.G.) Under Graduates: Understanding India Value Education Course (VEC)

Proposed Syllabus of Indian Constitution for the **Value Education Course (VEC)** which is compulsory for all faculties (U.G.) Under Graduates

Paper: Constitution of India

Prepared By: Prof.(Dr.) Varsha S. Sukhadeve: Member Academic Council

Course Objectives:

This paper designed for students' to introduce the Supreme Constitution of India

1. "To enrich the knowledge of the students with the constitutional values by which they are governed."
2. " To Familiarize students with the constitutional values that shape their rights & responsibilities."
3. " To cultivate an understanding of constitutional principles among students."
4. " To develop students' ability to analyze issues through a constitutional lens."
5. "To incite a deep interest in the preservation of unity , Integrity and Solidarity of Our Nation."

Course Outcome:

1. Students will understand the constitutional values of Indian Constitution
2. Instill a sense of civic duty rooted in Constitutional values.
3. Impart knowledge of constitutional values to shape responsible citizens.
4. Students will imbibe the Indian Constitution embodies several core values that shape the Country's governance and Society.

UNIT No.-I : Core Values/ Constructional Values Embedded In Constitution.

A. Preamble –

a) Importance & Nature :

i) Sovereignty: India is an Independent Nation , Free from external Control.

ii) Socialism: Promotes Social and Economical Equality.

iii) Secularism: Ensure Religion Freedom & Equal Treatment of all religions.

iv) Democracy: Power rests with the people through elected representative.

v) Republic: Head of State is elected not hereditary.

b) Fundamental Principles:

i) **Justice:** Social, Economic & Political Justice for all
ii) **Liberty :** Freedom of Thoughts, expression and Action
iii) **Equality**: Equal rights and opportunities for every citizen of India.
iv) **Fraternity** : Unity and Brotherhood among citizens.

B. Salient Features-

i) State- Central Relationships.
ii) Federal Nature.
iii) Parliamentary Democracy.
iv) Directive Principles.

UNIT No.-II

A. Citizens and Constitution-

i) Fundamental Rights & Fundamental Duties of Citizens, Guaranteed rights like Equality, Freedom and Protection against exploitation.
ii) Participation; Right To vote, Express opinions and Participate in governance.
iii) Access To Justice: Seek redress for rights violations.
iv) Respect Constitution ; Uphold and respect the constitution.
v) Promote Harmony; Foster National Unity and Social Harmony.
vi) Protect Environment; Safeguard the country's Heritage & environment
vii) Constitutional Role;
a) Protect Rights: safeguards citizens rights & Freedom
b) Defines Governance: Outlines framework for governance and institutions.
c) Promote Values; Instills values like justice, equality and fraternity.

B. Brief Introductions of:

i) Central Legislature and Executive
ii) State Legislature and Executive
iii) Higher Judiciary.

Books Recommended:

1. Dr. B. R. Ambedkar: The Constitution of India
2. Pylee M.V., Constitutional History of India (1600-2010)
3. Sikri S.L., A Constitutional History of India
4. G.N. Sing, Indian Constitution and National Development
5. Mahajan V.D. , Constitutional History of India
6. J.K. Mittal, Constituent Assembly of India
7. Jadhav Tukaram, Bhartiya Rajkiya Vyavshecha Akrutiband, Khand 1 , 2011
8. D.D. Basu, Indian Constitution
9. Gupta D.G., Indian National Movement and Constitutional Development

Prof. (Dr.) Varsha S. Sukhadeve

Professor & Head : Faculty of Commerce & Management Smt. L.R.T. College of Commerce, Akola

A) Assessment :

- **Internal Continuous Assessment – 20%**
- **Semester End Examination -80%**
- **Individual Passing Excluding Internal Examination-40%**

B) Evaluation Process:

Continuous Evaluation Through ; Quizzes, Class Test, Presentation , Project, Assignments etc. 10 Marks

C) Format of Question Paper ; 40 Marks - 2 Hours

1) **Three Questions of 16, 16 & 08 Marks**
2) **Q. No. 1: 16 Marks – includes 08 objectives -2 Marks each**
3) **Q. No. 2: Carries a) & b) -08 Marks each OR c) & d) -08 Marks each**
4) **Q. No. 3: Write in Brief (02 Marks each)**

Compulsory For All Faculties, (U.G.) Under Graduates:Understanding India Value Education Course (VEC)

Proposed Syllabus of Indian Constitution for the **Value Education Course (VEC)** which is compulsory for all faculties (U.G.) Under Graduates

Paper: Constitution of India

Prepared By: Prof. (Dr) Varsha S. Sukhadeve: Member Academic Council

Question Paper Pattern (Illustration)

Marks : 40 **Time: 2 Hours**

Q. No. 1 Objectives 01 To 08 (2 Marks Each)

Q. No. 2 a) ------- 08 Marks

b) ----------08 Marks

OR

c)---------- 08 Marks

d) _____08 Marks

Q.No. 3 Write In Brief (02 Marks each –08 Marks)

A) ---------- 02 Marks

B) ---------- 02 Marks

C) ---------- 02 Marks

D) ---------- 02 Marks

Prof. (Dr.) Varsha S. Sukhadeve

Professor & Head : Faculty of Commerce & Management Smt. L.R.T. College of Commerce, Akola

FIRST YEAR : SEMESTER – I

Each theory paper of Open Elective shall be of 2 Credits comprising of 4 Units with Teaching Hours as mentioned in the table. The pattern of theory papers shall be as per following template –

Open Elective I

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration / Max Marks
	I	650201	OE1 - Constitutional Values and Fundamental Principles of the Indian Constitution	2	30	2 Hrs / 30

The Curriculum of any Course shall be designed as per following template :

Course Objectives	1. To learn and explain the Ideals Values of India as a republic. 2. To learn and explain the Ideals Values of Indian Freedom Struggle. 3. To learn and explain the Constitutional Values of Indian Constitution.			
Course Outcomes	1. To know the Ideals and the values of the Indian Constitution. 2. To understand the values and ideals of the constitution as India's conscience. 3. To explain the philosophy of the Constitution and its structure. 4. To demonstrate the Indian values, ideals and the role of the Constitution in a Democracy.			
Unit System	Content	Workload	Weightage of Mark Allotted	Incorporation of Pedagogies
Unit I	Foundation of the Constitution - 1. Sovereignty, 2.Democracy, 3.Republic, 4. Socialism and Secularism.	7 Hrs	07 Marks	Suggested Continuous Internal Evaluation Method (20 Marks) : 1. Seminar / Assignment to any topic of the above syllabus 2. Test with multiple choice questions / short and long answer questions
Unit II:	Philosophy of the Constitution - 1. Justice, 2. Liberty, 3. Equality, 4. Fraternity	7 Hrs	08 Marks	
Unit III	Salient Features - 1.Written Constitution, 2.Flexibility, 3. Fundamental 4. Signal Citizenship	8 Hrs	07 Marks	
Unit IV	Salient Features - 1.Directive Principles, 2.Integrated Judicial System, 3.Federalism, 4. Division of Power.	8 Hrs	08 Marks	

References	1. Austin, Granville: The Indian Constitution: Cornerstone of a Nation, Oxford University Press, 2013. 2. Agarwal, B.R.: Our Judiciary, National Book Trust, New Delhi, 1989. 3. Basu, D.D.: Introduction to the Constitution of India, LexisNexis, Gurgaon, 2013. 4. Deepankar, S.G.: Parliamentary System in India, Concept Publication, New Delhi, 1997.

	5. Kashyap, Subhash: Our Constitution, National Book Trust, New Delhi, 2011. 6. Khanna, H.R.: Making of India's Constitution, Eastern Book Company, Lucknow, 2009. 7. Laxmikanth, M.: Indian Polity, McGraw Hill Education, Chennai, 2017. 8. Shiva Rao, B.: The Framing of India's Constitution, IIPA, Delhi, 1967. 9. Yerram, Shriram: Secularism in India: Theory & Practice, Adhyayan Pub., Delhi, 2006. 10.Suryanshi, P.H.: New Trends in Indian Polities, Gaurav Books, Kanpur, 2019.
	11) Wasnik, K.H.: An Introduction to the Constitution, International Publication.Kanpur 2022, ISBN:978-93-90-775-16-3 12) भोळे भा.न. भारतीय गणराज्याचे शासन आणि राजकारण पिंपळापुरे पब्लिकेशन, नागपूर 2003 13) देशमुख बी.टी : भारतीय संविधान, पिंपळापुरे पब्लिकेशन, नागपूर 2003 14) राठी शुभांगी : भारतीय संविधान अधर्व पब्लिकेशन, जळगाव 2017, ISBN978-938279546-9 15) वेरनकर बीराम : भारतीय राजकीय व्यवस्था, साईनाथ प्रकाशन नागपूर 2001 16) चव्हाण शांताराम : गवई सुभाष : भारतीय संविधानात्मक तरतुदी 17) जोगदंड बाळासाहेब : भारतीय संविधानातील तरतुदी व शासन, मेहेर बाबा प्रकाशन, नागपूर 2017 18) चव्हाण डॉक्टर शांताराम : भारतीय राजकीय व्यवस्था ज्ञानपथ पब्लिकेशन, ISBN 978-93-94661-54-7 19) लोटे रा.ज. भारताची राजकीय व्यवस्था भाग १, पिंपळापुरे बैंड कंपनी पन्निसर्न सप्टे. 2022 20) डॉ. प्रशांत विघे, डॉ. योगेश वडतकर, भारतीय संविधानातील तरतुदी, बीसाईनाथ प्रकाशन, नागपूर 21) डॉ.प्रशांत विघे, भारतीय संविधानातील मूलभूत अधिकार आणि कर्तव्य, देवयानी प्रकाशन, 2004 ISBN NO:978-93-72105-24-3 नागपूर 22) डॉ. प्रशांत विघे, भारतीय संविधानातील तरतुदी आणि स्थानिक स्वशासन भाग १ थी माईनाय प्रकाशन, धरमपेठ, नागपूर, प्रथम आवृत्ती 2017 ISBN No: 978-93-84 642-95- 2 23) डॉ. प्रशांत विघे, भारतीय शासन आणि राजकारण श्री साईनाथ प्रकाशन, धरमपेठ, नागपूर, प्रथम आवृत्ती 2024 ISBN No:978-93-84642-95-2 24) डॉ. प्रशांत विघे, भारतीय राजकीय व्यवस्था भाग - १ श्री साईनाथ प्रकाशन, धरमपेठ, नागपूर, प्रथमावृत्ती 2021 ISBN No:978-84 642-77-5 25) Weblink to Equivalent MOOC on Swayam if relevant: 1) 26) https://www.pmindia.gov.in 3)https://parliamentofindia.nic.in4)main.sci.gov.in 27) Weblink to Equivalent Virtual Lab if relevant: Any pertinent media (recorded lectures, YouTube, etc.) if relevant

Model of Question	1) Long answers on any One Units out of the Four Units. (This Question having 06 Marks 2) Long answers Types questions should internal choice based. (ie. Solve any one question them following questions.)
	3) Short answers on any Three Units out of the Four Units. (Each question having 04 Marks Short answers Types questions should internal choice based. (i.e. Solve any Two questions from following questions.)

Open Elective - 1 (खुली निवड)

Course Code 650201

Course Name:- Constitutional Value & Fundamental Principles of the Indian Constitution

(भारतीय संविधानातील संवैधानिक मुल्ये आणि मुलभूत तत्वे)

Unit 1	संविधानाचा पाया १. सार्वभौमत्व २. लोकशाही ३. प्रजासत्ताक ४. समाजवाद आणि धर्मनिरपेक्षता	Credits: 2 Marks 30 Exam Duration: 2 Hours
Unit 2	संविधानाचे तत्वज्ञान १. न्याय २. स्वातंत्र ३. समानता ४. बंधुभाव	
Unit 3	संविधानाची ठळक वैशिष्टे १. लिखित संविधान २. परीवर्तणशिलता ३. मुलभूत अधिकार व कर्तव्य ४. एकेरी नागरीकत्व	Internal Marks : 20 Marks Test Exam : 10 Marks Seminal / Assig. : 10 Marks
Unit 4	संविधानाची ठळक वैशिष्टे १. नितीनिर्देशक तत्वे २. एकात्म न्यायव्यवस्था ३. संघराज्य पद्धती ४. अधिकाराचे विभाजन	Total Marks : 50

Date: 10/07/2025

VEC : SEM - II

STUDENTS HAVE TO SELECT OUT OF TWO AS : UNIVERSAL HUMAN VALUES
CONSTITUTION OF INDIA

VEC : Universal Human Values

Credits	Total Teaching Hours	Exam Mode	End exam Theory	Internal	Total Marks
02	30	Internal	30 Marks	20 Marks	50 Marks

Course Objectives	1. Distinguish between values and skills, and understand the need, basic guidelines, content and process of value education. 2. To help students initiate a process of dialog within themselves to know what they 'really want to be' in their life and profession. 3. To help students understand the meaning of happiness and prosperity for a human being. 4. To facilitate the students to understand harmony at all the levels of human living and live accordingly. 5. To facilitate the students in applying the understanding of harmony in existence in their profession and lead an ethical life.

Course Outcomes	nd the significance of value inputs in a classroom and start applying them in their life and profession 2 Distinguish between values and skills, happiness and accumulation of physical facilities, the Self and the Body, Intention and Competence of an individual, etc. .3 Understand the value of harmonious relationship based on trust and respect in their life and profession Understand the role of a human being in ensuring harmony in society and nature. 5 Distinguish between ethical and unethical practices, and start working out the strategy to actualize a harmonious environment wherever they work.

Unit	Contents	Workload Allotted (Hrs)	Weightage of Marks	Incorporation of Pedagogies
1	Introduction to Value Education: Right Understanding, Relationship and Physical Facility (Holistic Development and the Role of Education) Understanding Value Education, Self-exploration as the Process	07	12	Lectures, Discussions

	for Value Education, Continuous Happiness and Prosperity — the Basic Human Aspirations, Happiness and Prosperity — Current Scenario, Method to Fulfil the Basic Human Aspirations Understanding Harmony in the Human Being: The understanding human being as a co-existence of the sentient 'T' and the material 'Body, Understanding the needs of Self ('T') and 'Body' — Sukh and Suvidha, Understanding the Body as an instrument of 'T' (I being the doer, seer, and enjoyer), Understanding the characteristics and activities of 'T' and harmony in T, Understanding the harmony of I with the Body: Sanyam and Swasthya; correct appraisal of Physical needs, meaning of Prosperity in detail, Programs to ensure Sanyam &Swasthya.			

2	Understanding Harmony in the Family & Society: Understanding harmony in the Family- the basic unit of human interaction, Understanding values in human-human relationship; meaning of Nyaya and program for its fulfillment to ensure Ubhay tripti; Trust (Vishwas) and Respect (Samman) as the foundational vales of relationship, Understanding the meaning of Vishwas; Difference between intention and competence, Understanding the meaning of Samman, Difference between respect and differentiation; the	07	12	Case Studies, Group Work

	other salient values in relationship. , Understanding the harmony in the society (society being an extension of family): Samadhan, Samridhi, Abhay, Sah-astitva as comprehensive Human Goals, Visualizing a universal harmonious order in society, Undivided Society (Akhand Samaj), Universal Order (Sarvabhaum Vyawastha) — from family to world			
3	Understanding Harmony in the Nature & Existence: Understanding the harmony in the Nature, Interconnectedness and mutual fulfillment among the four orders of nature — recyclability and self- regulation in nature, Understanding Existence as Co existence (Sah-astitva) of mutually interacting units in all-pervasive space, Holistic perception of harmony at all levels of existence.	08	13	Interactive Lectures, Examples
4	Understanding of Harmony on Professional Ethics Competence in professional ethics: a. Ability to utilize the professional competence for augmenting universal human order b. Ability to identify the scope and characteristics of people-friendly and eco-friendly production systems, c. Ability to identify and develop appropriate technologies and management patterns for above production systems. Case studies of typical	08	13	Projects, Presentations

	holistic technologies, management models and production systems Strategy for transition from the present state to Universal Human Order: a.At the level of individual: as socially and ecologically responsible engineers, technologists and managers b.At the level of society: as mutually enriching institutions and organizations			

Text Books:

1. R R Gaur, R Sangal, G P Bagaria, 2009, A Foundation Course in Human Values and Professional Ethics.

Reference Books and Websites:

1. Ivan Illich, 1974, Energy & Equity, The Trinity Press, Worcester, and Harper Collins, USA
2. E.F. Schumacher, 1973, Small is Beautiful: a study of economics as if people mattered, Blond & Briggs, Britain.
3. Sussan George, 1976, How the Other Half Dies, Penguin Press. Reprinted 1986, 1991
4. Donella H. Meadows, Dennis L. Meadows, Jorgen Randers, William W. Behrens Ill, 1972, Limits to Growth — Club of Rome's report, Universe Books.
5. A Nagraj, 1998, Jeevan Vidya Ek Parichay, Divya Path Sansthan, Amarkantak.
6. 6. P L Dhar, RR Gaur, 1990, Science and Humanism, Commonwealth Publishers.
7. A N Tripathy, 2003, Human Values, New Age International Publishers.
8. SubhasPalekar, 2000, How to practice Natural Farming, Pracheen (Vaidik) KrishiTantraShodh, Amravati.
9. E G Seebauer & Robert L. Berry, 2000, Fundamentals of Ethics for Scientists &Engineers , Oxford University Press
10. M Govindrajran, S Natrajan & V.S. Senthil Kumar, Engineering Ethics (including Human Values), Eastern Economy Edition, Prentice Hall of India Ltd.
11. B P Banerjee, 2005, Foundations of Ethics and Management, Excel Books.
12. B L Bajpai, 2004, Indian Ethos and Modern Management, New Royal Book Co., Lucknow. Reprinted 2008.