Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE

of Arts, Science & Commerce Baramati
(Autonomous)

Examination Manual

(Faculty of Arts, Science, Commerce & B. Voc.)

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➢ Preamble:

Education plays a significant role in nation-building, shaping the intellectual, social, and economic growth of a country. In recent years, the assessment of student performance has evolved to keep pace with the demands of a competitive global landscape. Many institutions in India are now aligning with the National Education Policy (NEP) to integrate international standards into their curricula. Despite these changes, the current system still limits the flexibility students have to pursue courses that match their interests and ambitions. This creates challenges for students who must compete not only locally but globally.

A significant portion of Indian higher education institutions has traditionally followed a rigid system, restricting students' ability to choose subjects and move across institutions. To address this, there is an increasing need for a more flexible and inclusive approach, allowing students to pursue interdisciplinary, intra-disciplinary, and skill-based courses according to their personal interests and career goals.

One of the most promising solutions is the adoption of the Choice Based Credit System (CBCS), an internationally recognized framework that fosters academic flexibility. The CBCS enables students to choose courses across various disciplines, combining core subjects with elective courses that enhance their skills and knowledge base. This system encourages a holistic development of students by offering them the chance to explore additional avenues of learning beyond their core subjects.

By implementing the CBCS, autonomous colleges can align their academic programs with global standards, fostering innovation, critical thinking, and skill development. This examination manual reflects these principles, outlining the rules and procedures that will guide the assessment and evaluation of students in this dynamic, learner-centric education system.

In our pursuit of enhancing the scientific education system to meet global standards and practices, TuljaramChaturchand College of Arts, Science, and Commerce, Baramati (Autonomous), has implemented the Credit-Grade Based Performance and Assessment System effective June 2019. This initiative reflects our commitment to providing a contemporary and relevant educational framework that equips students for the challenges posed by rapid advancements in science, technology, and the evolving expectations of industry and society.

Recognizing the need to modernize our undergraduate (UG) and postgraduate programs, the authorities of the college have endorsed the development of a Choice-Based Credit System (CBCS). This system empowers students by offering them the flexibility to tailor their academic experiences according to their interests and career aspirations. The assessment structure within this credit system comprises two primary components: A) Continuous Assessment, which evaluates student performance throughout the semester, and B) End-Semester Assessment, encompassing theory examinations, term work, practicals, oral presentations, and other evaluative methods at the semester's conclusion.

Our dedicated faculty has embraced the responsibility of integrating the latest advancements and innovations within their respective disciplines. The revised curriculum is designed to incorporate

contemporary topics, relevant skills, and practical know-how, ensuring that our students are well-prepared to thrive in an ever-changing global landscape.

The Examination Manual serves as a comprehensive guide to the assessment procedures and expectations within this innovative educational framework, outlining the standards and practices that will govern the evaluation of student performance. By adhering to this manual, we aim to foster an environment of academic excellence and integrity, ultimately contributing to the holistic development of our students.

Board of Examination (BOE)

Sr.No.	Name& Address	Designation
1.	**PRIN. DR. AVINASH JAGTAP** Principal, T. C. College, Baramati Department of statistics	**Director**
2.	**Dr. Vaishali Patil** Associate Professor in Statistics T. C. College, Baramati	COE
3.	**Dr. Chandrakant Kamble** Assistant Professor in Economics T. C. College, Baramati	Asst. CAP Director
4.	**Prof. Dr. Ashok Kalange** Professor in Physics T. C. College, Baramati	Member
5.	**Prof. Dr. Yogini Mulay** Professor in Microbiology T. C. College, Baramati	Member
6.	**Prof. Dr. Sachin Gadekar** Professor in English T. C. College, Baramati	Member
7.	**Prof. Dr. Vikas Kakade** Professor in Statistics T. C. College, Baramati	Member
8.	**Prof. Dr. Seema Naik-Gosavi** Professor in Microbiology T. C. College, Baramati	Member
9.	**Dr. Niranjan Shah** Assistant Professor in Commerce	Member

	T. C. College, Baramati	
10.	**Mr. Abhinandan Shah** Registrar, T. C. College, Baramati.	Member
11.	**Mr. Santosh Devkar** T. C. College, Baramati.	Member

1) Powers and responsibilities of the Controller of Examination:

The Controller of Examinations (COE) heads the examination office and is accountable for the fair conduct of the examinations as per the academic calendar, which is prepared in consultation with the Principal.

a) The Controller of Examination shall be the principal Officer in-charge of conducting examination, tests and the declaration of results. He shall discharge his functions under the direct superintendence, direction and guidance of the Principal. In the absence of COE by virtue of any reason Principal shall assign his charge to other competent teacher.

b) COE shall be a officer of the college and will report to the Principal. Registrar and Vice-Principal.

c) The COE will be the supervisor of Examination Committee constituted by the Academic Council;

d) The COE of the Examinations may inform the proceeding of Examination Committee to the Academic Council as and when required;

e) The Controller of Examinations shall be responsible for making all the arrangements necessary for holding examinations, tests and timely declaration of results;

f) His appointment shall be for a term of three years, and he shall be eligible for re-appointment. The qualifications and experience for the purpose of selection of the Controller shall be such as may be prescribed by Governing Council.

g) The COE shall be the Member-Secretary of the Board of Examinations and of the committees appointed by the Board, except the committees constituted for the appointment of paper-setters,

examiners and moderators. He shall be responsible for prompt and proper implementation of their decisions.

h) Without prejudice to the generality of the provision the Controller shall be responsible for making all arrangements necessary for holding examinations and tests and declaration of results. It shall be his responsibility.

i) To postpone or cancel examinations, in part or in whole, in the event of malpractices or if the circumstance so warrant, and take disciplinary action or initiate civil or criminal proceedings against any person or a group of persons alleged to have committed malpractices.

j) To take disciplinary action wherever necessary against the candidates, paper setters, examiners, moderators or any other persons connected with examinations and found guilty of malpractices in relation to the examinations.

k) To review from time to time, the results of examinations and forward report thereon to the Academic Council.

l) The Controller of Examinations may, on the report in writing of the head of the institution concerned, withhold the result of Candidate, who has already taken the examination if the candidate has failed to pay the dues outstanding against him.

m) In case of discrepancy between the result displayed on the website or otherwise published, the original result lying with the college shall prevail.

n) Controller of Examination may order re-examination if it is satisfied that there has been a leakage of a question paper or a part thereof.

o) The Controller shall exercise such other powers and perform such other duties as may be prescribed or assigned to him, from time to time, by the Board of Examinations.

p) Subject to prior approval of the Principal, the Controller of Examinations shall perform the following duties and responsibilities namely:

- To prepare academic calendar including examination schedule and implement thesame;
- To appoint examiners as prescribed in the rules & regulations;
- To arrange for printing of question papers and answer books and their safe custody;
- To arrange for evaluation and to further the processing of results;
- To arrange for timely declaration and publication of results and to refer, if deem necessary, any matter before the examination committee prior to declaration of results;

- To ensure confidentiality and to make assessment/ improvement in the process of the college examination/ evaluation;
- To finalize the mode of examination for different courses in consultation with concerned Faculty/ Department/Academic Council;
- To appoint external agency(s)/observer(s) for conducting and monitoring the examinations;
- To appoint external agency(s)/evaluator(s) for evaluation of answer scripts. To submit report regarding examination(s) to the Principal.
- He is assisted by Deputy Registrar and three Assistant Registrar

2) Learning Levels/NCrF Credit Levels

In order to align with the international best practices being followed with respect to assigning credit levels, the NCrF has proposed that the maximum levels within this framework shall uniformly be up to level 8. The assignment of Credit levels under NCrF will be based on the cumulative numbers of years of learning with assessment and is explained below:

i. The credit level that can be attained after completion of school education i.e. grade 5th will be level 1, grade 8th will be level 2, grade 10th will be level 3 and grade 12th will be level 4.

ii. The higher education shall be from credit levels of 4.5 and to level 8.

Sr. No	Year	NCrF Credit Level	Credits Earned	Credits points Earned (Credits Earned * NCrF Level)
1	UG-I	4.5	44	198
2	UG-II	5.0	44	220
3	UG-III	5.5	44	242
4	UG-IV/ PG-I	6.0	40/44	240/264
5	PG-I/ PG-II	6.5	40/44	260/286

3) Level of Courses and Course Codes

Courses shall be coded based on the learning outcomes, level of difficulty, and academic rigor. The coding structure is as follows:

i. 0-99: Pre-requisite courses required to undertake an introductory course which will be a pass or fail course with no credits. It will replace the existing informal way of offering bridge courses that are conducted in some of the colleges/ universities.

ii. 100-199: Foundation or introductory courses that are intended for students to gain an understanding and basic knowledge about the subjects and help decide the subject or discipline of interest. These courses may also be prerequisites for courses in the major subject. These courses generally would focus on foundational theories, concepts, perspectives, principles, methods, and procedures of critical thinking in order to provide a broad basis for taking up more advanced courses.

These courses seek to equip students with the general education needed foradvanced study, expose students to the breadth of different fields of study; provide a foundation for specialized higher-level coursework; acquaint students with the breadth of (inter) disciplinary fields in the arts, humanities, social sciences, and natural sciences, and to the historical and contemporary assumptions and practices of vocational or professional fields; and to lay the foundation for higherlevel coursework.

iii. 200-299: Intermediate-level courses including subject-specific courses intended to meet the credit requirements for minor or major areas of learning. These courses can be part of a major and can be pre-requisite courses for advanced-level major courses.

iv. 300-399: Higher-level courses which are required for majoring in a disciplinary/interdisciplinary area of study for the award of a degree.

v. 400-499: Advanced courses which would include lecture courses with practicum, seminar-based course, term papers, research methodology, advanced laboratory experiments/software training, research projects, hands-on-training, internship/apprenticeship projects at the undergraduate level or First year Postgraduate theoretical and practical courses. Curriculum and Credit Framework for Undergraduate Programs.

vi. 500-599: Courses at first-year Master's degree level for a 2-year Master's degree program.

vii. 600-699: Courses for second-year of 2-year Master's or 1-year Master's degree program.

viii. 700 -799 & above: Courses limited to doctoral students.

4) Under Graduate NEP Structure (2023 Pattern):

Credit distribution structure for three/four year Honours/Honours with Research Degree Programme with Multiple Entry and Exit options as per National Education Policy (2023 Pattern)

Level	Semester	Major		Minor	OE	VSC,SEC(VSEC)	AEC, VEC,IKS	OJT, FP,CEP,CC, RP	Cum.Cr./ Sem.	Degree/ Cum.Cr.
		Mandatory	Electives							
4.5	I	4-6(4+2)		-	2+2	VSC:2,SEC:2	AEC:2,VEC:2,IKS:2	CC:2	20-22	UG Certificate 40-44
	II	4-6(4+2)		2	2+2	VSC:2, SEC:2	AEC:2, VEC:2	CC:2	20-22	
	CumCr.	8-12	-	2	8	4+4	4+4+2	4	40-44	
Exit option: Award of UG Certificate in Major with 44 credits and an additional 4 credit score NSQF course/Internship OR Continue with Major and Minor										
5.0	III	6(4+2)- 8(2*4)		4	2	VSC:2,	AEC:2	FP:2CC:2	20-22	UG Diploma 80-88
	IV	6(4+2)- 8(2*4)		4	2	SEC:2	AEC:2	CEP:2 CC:2	20-22	
	CumCr.	20-28		10	12	6+6	8+4+2	8+4	80-88	
Exit option; Award of UG Diploma in Major and Minor with 80-88 credits and an additional 4 credit score NSQF course/Internship OR Continue with Major and Minor										
5.5	V	8(2*4)-10(2*4+2)	4	4-6		VSC:2-4		FP/CEP:2	20-22	UG Degree120-132
	VI	8(2*4)-10 (2*4+2)	4	4				OJT:4	20-22	
	CumCr.	36-48	8	18-20	12	8-10 +6	8+4+2	8+6+4	120-132	
Exit option : Award of UG Degree in Major with 120-132 credits OR Continue with Major and Minor										
6.0	VII	12-14(2*4+2*2 Or 3*4+2)	4	RM:4					20-22	UG Honours Degree 160-176
	VIII	12-14(2*4+2*2 Or 3*4+2)	4					OJT:4	20-22	
	CumCr.	60-76	16	18-20+4	12	8-10 +6	8+4+2	8+6+8	160-176	
Four Year UG Honours Degree in Major and Minor with 160-176 credits										
6.0	VII	8-10 (2*4+2or2*4)	4	RM :4				RP:4	20-22	UG Honours with Research Degree 160-176
	VIII	8-10 (2*4+2or2*4)	4					RP:8	20-22	
	CumCr.	52-68	16	18 -20+4	12	8-10 +6	8+4+2	8+6+4+ 12	160-176	
Four Year UG Honours with Research Degree in Major and Minor with160-176 credits										

Distribution of Credits across Four Years Degree Programmes:

In general, for the four years' bachelor's degree programme, the distribution of credits will be as follows:

(a) Major (Core) Subject comprising Mandatory and Elective Courses:
   i. Minimum 50% of total credits corresponding to Three/Four - year UGDegree- Mandatory Courses offered in all Four years;
   ii. 2 credit course on Major Specific IKS shall be included under Major;
   iii. Elective courses of Major will be offered in the third and/or final year.
   iv. Vocational Skill Courses, Internship/ Apprenticeship, Field Projects, Research Projects connected to Major

(b) Minor Subject: 18-20 Credits
   i. The Minor subjects may be from the different disciplines of the same faculty of DSC Major (Core) or they can be from different faculty altogether.
   ii. The credits of Minor subjects shall be completed in the first three years of UG Programme.

(c) Generic/ Open Elective Courses (OE): 10-12 credits
   i. It is to be offered in I and/or II year
   ii. Faculty-wise baskets of OE shall be prepared byUniversity/Autonomous Colleges.
   iii. OE is to be chosen compulsorily from faculty other than that of theMajor.

(d) Vocational and Skill Enhancement Courses (VSEC): 14-16 credits
   ➢ Vocational Skill Courses (VSC): 8-10 credits, including Hands onTraining corresponding to the Major and/or Minor Subject:
   i. To be offered in first three years;
   ii. Wherever applicable vocational courses will include skills basedon advanced laboratory practicals of Major
   ➢ Skill Enhancement Courses (SEC) : 06 credits
      i. To be offered in I and II year;
      ii. To be selected from the basket of Skill Courses approved byUniversity/ Autonomous Colleges

(e) Ability Enhancement Courses (AEC), Indian Knowledge System (IKS) and Value Education Courses (VEC): 14 Credits
   o AEC: 08 credits
      i. To be offered in I and II year
      ii. English: 04 Credits
      iii. Modern Indian Language: 04 credits
      iv. To be offered from the Basket approved by University /Autonomous College;

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The focus for both languages should be on linguistic and communication skills.

- o IKS: 2 Credits
    - i.   To be offered in I Year
    - ii. Courses on IKS to be selected from the basket of IKS courses approved by University/ Autonomous Colleges
- o VEC: 04 Credits
    - i.   To be offered in I year
    - ii. Value Education Courses (VEC) such as Understanding India, Environmental Science/Education, and Digital and Technological Solutions.

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

- ➢ Internship/Apprenticeship corresponding to the Major (Core) Subject: 8Credits
- ➢ Field Projects/Community Engagement and Service corresponding to the Major (Core) Subject: minimum 4-6 credits
- ➢ To be offered in II, and III years of UG Degree Programmes.
- ➢ Co-curricular Courses (CC) such as Health and Wellness, Yoga education sports, and fitness, Cultural Activities, NSS/NCC and Fine/ Applied/ Visual/ Performing Arts: 8 credits
    - ▪ To be offered in I and/or II year
    - ▪ Research Projects: 12 credits
    - ▪ To be offered in the final year for 4 year Honours with Research UGDegree

The UGC Regulations, 2021 permit up to 40% of the total courses being offered in a particular programme in a semester through the **Online Learning Courses** offered through the **SWAYAM** platform and/or other State Level Common Platforms which can be developed in due course with the participation of different Universities/ HEIs.

Credit Distribution Structure for Three/Four Year Honours /Honours with Research Degree Programme with Multiple Entry and Exit options as per National Education Policy (2024 Pattern)

Level/ Difficulty	Sem	Subject - 1	Subject-2	Subject-3	GE/OE	SEC	IKS	AEC	VEC	CC	Total
4.5/100	I	2(T)+2 (P)	2(T)+2(P)	2(T)+2 (P)	2 (T)	2(T/P)	2(T) (Generic)	2(T)	2	--	**22**
	II	2(T)+2 (P)	2(T)+2(P)	2(T)+2 (P)	2 (P)	2(T/P)	--	2(T)	2	2	**22**

Exit option: Award of UG Certificate in Major with 44 credits and an additional 4 credit score NSQF course/Internship OR Continue with Major and Minor

Level / Difficul	Se	Credits Related to Major				Minor		GE/OE	SEC	IKS	AEC	VEC	CC	Total
		MajorCore	MajorElect	VSC	FP/OJT/C									

ty	m		ive		EP									
5.0/200	III	4(T)+2 (P)	--	2(T/P)	2 (FP)	2(T)+2(P)	--	2 (T)	--	2 (T) (Subject Specific)	2(T)	--	2	**22**
	IV	4(T)+2 (P)	--	2(T/P)	2 (CEP)	2(T)+2(P)	--	2 (P)	2(T/P)	--	2(T)	--	2	**22**
Exit option: Award of UG Diploma in Major and Minor with 88 credits and an additional 4 credits core NSQF course/Internship													
5.5/300	V	8(T)+4(P)	2(T)+2 (P)	2(T/P)	2 (FP/CEP)	2(T)	--	--	--	--	--	--	--	**22**
	VI	8(T)+4(P)	2(T)+2 (P)	2(T/P)	4 (OJT)	--	- -	--	--	--	--	--	--	**22**
Total 3 Years		**44**	**8**	**8**	**10**	**18**	**8**	**8**	**6**	**4**	**8**	**4**	**6**	**132**
Exit option: Award of **UG Degree in Major** with 132 credits													
6.0/400	VII	6(T)+4 (P)	2(T)+2 (T/P)	--	--	4 (RP)	4(RM)(T)	--	--	--	--	--	--	**22**
	VIII	6(T)+4 (P)	2(T)+2 (T/P)	--	0	8 (RP)	0		0	0	0	0	0	**22**
Total 4Years		**68**	**16**	**8**	**2**	**22**	**22**		**12**	**6**	**8**	**4**	**8**	**176**
Four Year **UG Research Degree** in Major and Minor with 176 credits													
6.0/400	VII	10(T)+4(P)	2(T)+2 (T/P)	0	0	0	4 (RM)		0	0	0	0	0	**22**
	VIII	10(T)+4(P)	2(T)+2 (T/P)	0	0	4 (OJT)	0		0	0	0	0	0	**22**
Total 4 Years		**76**	**16**	**8**	**2**	**14**	**22**		**12**	**6**	**8**	**4**	**8**	**176**
Four Year **UG Honours Degree** in Major and Minor with 176 credits													

* Note : The above credit structure is applicable for the students who enrolled for the academic year 2024-25

Abbreviation: VSC: Vocational Skill Course, IKS: Indian Knowledge System, FP: Field Project, OJT: On Job Training,

CEP: Community Engagement and Service, GE/OE: Generic Elective/Open Elective, SEC: Skill Enhancement Course, AEC:Ability Enhancement Course, VEC: Value Education Course, CC: Cocurricular Courses, T – Theory, P– Practical

1. VSC,FP/OJT/CEPshouldberelatedtotheMajorsubject

2. OEisto bechosen compulsorilyfrom facultyotherthanthat oftheMajor.
3. SECtobeselectedfrom thebasketofSkillCoursesapprovedbycollege.
4. Student has to choosethree subjects from the same faculty in FirstYearand at thestartofSecond yearhehas to opt onesubject as Major subject and one another subject as Minor subject and the last one subject will be dropped by the student. Therefore, the student after completion of three year will be awarded degree in Major and Minor subject.
5. Studentcannot selectasubjectas majoror minorotherthan thesubjects takenin first year
6. Frame each course having even number of credits such as 2 or 4 credit.

5)Post Graduate NEP Structure (2023 Pattern):

PG Program for First Year														
Level	Sem.	Major (MD)	Major (Ele)				RM	OJT/FP	RP					Cum.Cr.
6.0	I	8 (T) + 4 (P)/ 14(T)	2 (T) + 2 (T/P)/ 4(T)	--	--	---	4 (RM)(T)	--	--	--	--	--	--	20/ 22
	II	8 (T) + 4 (P) 14(T)	2 (T) + 2 (T/P) 4(T)	--	0	---	0	4 (OJT/FP)		0	0	0	0	20/ 22
Cum. Cr. For PG Diploma		24/28	8				4	4						40/44
Exit option : PG Diploma (40-44 Credits) after Three Year UG Degree														
PG Program for Second Year														
6.5	III	8(T) + 4(P)/ 14(T)	2 (T) + 2 (T/P)/ 4(T)						4 (RP)	0	0	0		20/ 22
	IV	8(T) + 2(P)/ 12(T)	2 (T) + 2 (T/P)/ 4(T)						6 (RP)	0	0	0		20/ 22
Cum. Cr. For PG Degree		22/26	8						10					40/44
Cum. Cr. For 2 Yr. PG Degree		46/54	16				4	4	10					80/88
Exit option : PG Degree (80-88 Credits) after Three Year UG Degree														

Abbreviations: Yr.: Year; Sem.: Semester; MD : Mandatory, Ele : Electives, OJT: On Job Training: Internship/ Apprenticeship; FP: Field projects; RM: Research Methodology; Research Project: RP; Cumulative Credits: Cum. Cr., T : Theory, P : Practical

Credits offered per Semester will be a Minimum of 20 and a Maximum of 22. While minimum credits are mandatory as per National Credit Framework, the Universities can evolve the mechanism for providing Semester/ Levelwise credit attainment flexibility within the broad framework.

(a) Under the One-year PG Diploma program, and two-year master's Degree program, the students must complete on-the-job training/internship of 04 credits during summer break, after completion of the second semester of the first year in the respective Major Subject.

(b) The 4 Credits Research Methodology Component is mandatory in the First Year.

(c) Since the Master's Programme is based on DSC Specialisation, the PG curricular framework will not include Minor Subject. Electives selected in the PG program may be **Relevant to OR Supportive of** the Major Subject chosen. The Statutory authorities of the University or Autonomous College can take a decision in this regard.

(d) The students will have to undertake a research project of 4 credits in Semester III and a research project of 6 credits in Semester IV in the second year of the two-year master's degree program. This is also applicable to the students admitted to oneyear PG program after completion of four year UG Program.

(e) 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 in the same Major without undergoing any additional procedures. Similarly, the colleges with approved PG programme and Ph.D. Research Centre in the same Major shall be automatically allowed to continue PG and Ph. D. Degree programme without undergoing any additional procedures.

(f) The exit option at the end of one year of the Master's degree program will commence from AY 2024-25. Students who have joined a two-year Master's degree program may opt for exit at the end of the first year and earn a PG Diploma.

(g) The PG Diploma may be awarded to a student provided they have earned the requisite credits in one year including on-the-job training of 04 credits during summer break, after completion of the second semester of the first year in the respective Major Subject.

(h) The one-year Master's Degree Program will begin with effect from Academic Year2027-28.

(i) Re-entry to complete the PG degree, after taking the exit option, will be permissible up to 05 years from the date of admission to the PG program.

(j) With regards to the Eligibility criteria and Procedure for admission to the Ph.D. Programme, Duration of the Ph.D. Programme, Eligibility and Allocation of Research Supervisor, Course Work (Credit requirements, number, duration, syllabus, minimum standards for completion), Research Advisory Committee and its Functions, Academic, research, administrative, and infrastructure requirements to be fulfilled by Colleges for getting recognition for offering Ph.D. Programme, Award of Ph. D. Degree etc, the Universities and Autonomous Colleges must comply UGC (Minimum Standards and Procedure for Award of Ph.D. Degree) Regulations, 2022, dated Nov. 7, 2022.

6) Eligibility for the First UG Programmes

Senior Secondary School Leaving Certificate or Higher Secondary (12th Grade)Certificate obtained after successful completion of Grade 12 or equivalent stage ofeducation corresponding to Level-4.

7) UG Programexamination structure:

1) For First year: Student must select 1 Major and 1 Minor subject among the subjects offered by the College /Institute.
2) Examination section will conduct all theory exams except Open Elective (OE) Course for all UG Program.
3) OE examination will be conducted at the department level in 40:60 pattern, both theory and practical (if applicable).
4) Practical exam of all courses will be conducted at the department level in 50:50 pattern.
5) Final examinations at the department level should be conducted in the time slot given by examination section.
6) CGPA will be calculated based on all credits.
7) Exam pattern: Semester End Examination 60 % and continuous internal assessment 40 % for theory and Semester End Examination 50 % and continuous internal assessment 50 % for practical.
8) For Internal examination one written test per paper of 20/10 marks and 20/10 marks must be given from the following assessment methods (minimum 4 methods): Seminars, Viva-voce, Mini Projects, Surveys, Field visits, Tutorials, Home Assignment, and Group Discussion.

UG Program Marking Structure:

UG program is of 4 years duration. The total no. of credits required for UG program is 176. In the structure, the credits are distributed over 8 semesters. The Marking structure for UG program is given below in Table 1.

<p align="center">**Table 1**: **Scheme of Marking Structure for UG**</p>

Credits	Marks			Passing Criteria		
	Internal	External	Total	Internal	External	Total
2 (Theory)	20	30	50	8	12	20
2 (Practical)	25	25	50	10	10	20
4 (Theory)	40	60	100	16	24	40
4 (Practical)	50	50	100	20	20	40

Internal Assessment:

Particular	(20) Marks	(40) Marks
	For 2 Credit	For 4 Credit
Unit Test	10 Marks	20 Marks
Seminars, Viva-voce, MCQ Test, Surveys, Field visits, Tutorials, Home Assignment, Group Discussion / Research Paper Review …etc. (Any 2/4 methods used)	10 Marks	20 Marks
Total	**20 Marks**	**40 Marks**

External Assessment: For 4 credit (60 Marks Paper)

Q1. Attempt 4 questions - 1 Marks Each   Total = 4 * 1= 4 Marks
    Attempt 3 questions – 2 Marks Each   Total = 4 * 2 = 8 Marks

Q2. Attempt any 4 (6)   – 3 Marks Each   Total = 4 * 3 = 12 Marks

Q3. Attempt any 2 (4)   – 6 Marks Each   Total = 2 * 6 = 12 Marks

Q4. Attempt any 2 (4)   – 6 Marks Each   Total = 2 * 6 = 12 Marks

Q5. Attempt any 1 (2)   – 12 Marks Each   Total = 1 * 12 = 12 Marks

Time Duration: 2 (Two) Hour.

External Assessment: For 2 credit (30 Marks Paper)

Q1. Attempt 4 questions - 1 Marks Each   Total = 4 * 1= 4 Marks
    Attempt 3 questions – 2 Marks Each   Total = 3 * 2 = 6 Marks

Q2. Attempt any 4 (6)   – 3 Marks Each   Total = 4 * 3 = 12 Marks

Q3. Attempt any 2 (4)   – 4 Marks Each   Total = 2 * 4 = 08 Marks

Time Duration: 1 (One) Hour.

8) PG Program examination structure:

1) CGPA will be calculated based on all credits.

2) Examination section will conduct all theory exams for all PG Program.

4) Practical exam of all courses will be conducted at the department level in 50:50 pattern.

5) Final examinations at the department level should be conducted in the time slot given by Examination section.

6) Exam pattern: Semester End Examination 60 % and continuous internal assessment 40 %.

7) For Internal examination one written test per paper of 20/10 marks and 20/10 marks must be given from the following assessment methods (minimum 4 methods): Seminars, Viva-voce, Mini Projects, Surveys, Field visits, Tutorials, Home Assignment, and Group Discussion.

PG Program Marking Structure:

Each PGprogram is of 2 years duration. The minimum total number of credits require for each program is 80/88. In the structure, the credits are distributed over 4 semesters. The Credit structure for PG program (Example) is given below in Table 2.

Table 2: **Scheme of Marking Structure for PG**

Credits	Marks			Passing Criteria		
	Internal	External	Total	Internal	External	Total
2 (Theory)	20	30	50	8	12	20
2 (Practical)	25	25	50	10	10	20
4 (Theory)	40	60	100	16	24	40
4 (Practical)	50	50	100	20	20	40

Internal Assessment:

Particular	(20) Marks	(40) Marks
	For 2 Credit	For 4 Credit
Unit Test	10 Marks	20 Marks
Seminars, Viva-voce, MCQ Test, Surveys, Field visits, Tutorials, Home Assignment, Group Discussion / Research Paper Review …etc. (Any 2/4 methods used)	10 Marks	20 Marks
Total	**20 Marks**	**40 Marks**

External Assessment: For 4 credit (60 Marks Paper)

Q1. Attempt any 6 (8)   - 2 Marks Each   Total = 6 * 2= 12 Marks

Q2. Attempt any 4 (6)   – 3 Marks Each   Total = 4 * 3 = 12 Marks

Q3. Attempt any 2 (4)   – 6 Marks Each   Total = 2 * 6 = 12 Marks

Q4. Attempt any 2 (4)   – 6 Marks Each   Total = 2 * 6 = 12 Marks

Q5. Attempt any 1 (2)   – 12 Marks Each   Total = 1 * 12 = 12 Marks

Time Duration: 2 (Two) Hour.

External Assessment: For 2 credit (30 Marks Paper)

Q1. Attempt any 4 (6)   – 2 Marks Each   Total = 5 * 2= 10 Marks

Q2. Attempt any 4 (6)   – 3 Marks Each   Total = 4 * 3 = 12 Marks

Q3. Attempt any 2 (4)   – 4 Marks Each   Total = 2 * 4 = 08 Marks

Time Duration: 1 (One) Hour.

9) UG & PG Examination Evaluation Pattern:

1. The course carrying 100 / 50 marks shall be evaluated with Continuous Assessment (Internal) and Semester end exam (External) mechanism.

2. Continuous assessment shall be of 40/20 marks while Semester end exam (External) shall be of 60/30 marks. To pass in a course of 4/2 credit, a student must secure minimum marks 30%

separately in Internal and External examinations and combined 40%.

3. For Internal examination one written test per paper of 20/10 marks and 20/10 marks must be taken from following assessment methods (minimum 4 methods): Seminars, Viva-voce, MCQ Test, Surveys, Field visits, Tutorials, Home Assignment, Group Discussion…etc.

4. There shall be revaluation of the answer scripts of semester-end examination of theory papers only but not of internal assessment and practical papers.

10) ATKT Rules:

A) For UG:

i) Minimum number of credits required to take admission to Second Year of UG:50% of Total Credits

ii) Minimum number of credits required to take admission to Third Year of UG.: 100% credits

to be completed from F.Y. UG and at least 50% credits from S.Y. UG.

iii) Eligibility required taking admission to Fourth Year (Honors) of UG. 100% Credits to be completed at three year degree.

iv) Eligibility required taking admission to Fourth Year (Honors with Research) of UG. 100% Credits to be completed with minimum CGPA of 7.5 or minimum 75% at three year degree.

B) For PG:

Minimum number of credits required to take admission to Second Year: 50% of total credit in first year.

11)Examination Rules for Students to appear in Examination

1) A student cannot appear for semester end examination unless he/she has 75% attendance during the teaching period of that course. If a student fails to maintain attendance upto 75%, at the time of filling of examination forms, an undertaking from the student should be taken stating that he/she will be allowed to appear for examination subject to fulfillment of required attendance criteria during the remaining period of teaching of the course.

2) If a student misses an internal assessment examination, he/she will have a second chance with the permission of the teacher concerned. Such a second chance shall not be the right of the student; it will be the discretion of the teacher concerned to give or not to give second chance to a student to appear for internal assessment.

3) Students who have failed semester-end exam may reappear for the semester-end exam in the subsequent period. The student will be finally declared as failed if he/she does not pass all credits within a total period of four years in case of two year courses. After that, such students will have to seek fresh admission as per the admission rules prevailing at that time.

4) Internal marks will not change. A student cannot repeat internal assessment. Incase he/she wants to reappear for the internal assessment he/she can do so only by registering for the said courses during the semesters in which the courses are being conducted.

5) There shall be revaluation of the answer scripts of semester-end examination of theory Papers only but not of internal assessment papers and practical.

6) While marks will be given for all examinations, they will be converted into grades. The semester end and final grade sheets and transcripts will have only grades and grade points average.

7) The students unable to attend the examination because of participate in NCC, NSS, State & National level completion, Arm forces interview or test, representing college for any events etc. will be eligible in supplementary examination with the prior permission of the Principal.

12) Performance Indices and ResultDeclaration:

The semester end grade sheet will contain grades for the courses along with titles and SGPA. Final grade sheet and transcript shall contain CGPA.

A) Semester Grade Point Average (SGPA) –

The performance of a student in a semester is indicated by a number called the Semester Grade Point Average (SGPA). The SGPA is the weighted average of the grade points obtained in all the courses, seminars and projects registered by the student during the semester.

SGPA= (Σ Grade Points Earned x Credits for each course)/Total Credits

For Example: suppose in each semester a student has registered for five courses having credits C1, C2, C3, C4, C5 and his / her grade points in those courses are G1, G2, G3, G4, G5 respectively.

Then students   SGPA = (C1G1 + C2G2 + C3G3 + C4G4 + C5G5)/ (C1+C2+C3+C4+C5)

SGPA is calculated up to two decimal places by rounding off.

B) Course Grade Point Average (CGPA) –

The CGPA is the weighted average of the grade points obtained in all the courses (Theory/term work/practical/oral/presentation) of first semester to eighth semester for the students admitted in the First year and third to eighthsemesters for the students directly admitted at Second year. It is calculated in the same manner as the SGPA.

In case of a student passing a failed course or in case of improvement, the earlier grade would be replaced by the new grade in calculation of the SGPA and CGPA.

C) Result:

Based on the performance of the student in the semester examinations, the TuljaramChaturchand College of Arts, Science and Commerce will declare the results and issue the Semester Grade sheets.The class shall be awarded to a student on the CGPA calculated as mentioned. The award of the class shall be as per Table 4 and corresponding percentage calculation for the CGPA is given in Table 4 along with all details and examples.

Table: 3: For the calculation of Percentage from CGPA following equation can be used

For the calculation of Percentage from CGPA following equation can be used.

$$\textit{\% of Marks=} \begin{vmatrix} \textit{if O grade then } 20 \text{ x} CGPA - 100 \\ \textit{If A+ grade then } 12 \text{ X} CGPA - 25 \\ \textit{if A grade then } 10 \text{ x} CGPA - 7.5 \\ \textit{if B+ grade then } 5 \text{ x } CGPA + 26.25 \\ \textit{if B grade then } 10 \text{ x} CGPA - 2.5 \\ \textit{if C grade then } 10 \text{ X} CGPA - 2.50 \\ \textit{if D grade then } 6.6 \text{x} CGPA + 13.6 \end{vmatrix}$$

Table: 4 some examples of CGPA to percentage calculations

Obtained CGPA	Equation	Percentage(%)	Grade
10	20×10 -100=100	100	O
9.75	20 × 9.75-100=95	95	O
9.5	20× 9.5-100=90	90	O
9.0	12 × 9-24=84	84	A+
8.25	12 × 8.25-24=75	75	A+
8.0	10×8.0-7.5=72.5	72.5	A
7.0	10× 7.0-7.5=62.5	62.5	A
6.75	10× 6.75-7.5=60.0	60.0	A
6.25	5× 6.25+26.25=57.5	57.5	B+
5.75	5× 5.75+26.25=55	55	B+
5.5	10× 5.5-2.5=52.5	52.5	B
5.25	10× 5.25-2.5=50	50	B
4.75	10× 4.75-2.50=45	45	C
4.0	6.6× 4.0+13.6=40	40	P

While declaring the result, the existing relevant ordinances are applicable. There is also a

provision for verification and revaluation. In case of verification, the existing rules will be applicable. The revaluation result will be adopted if there is a change of at least 10% marks and in the grade of the course.For grade improvement, the institute will follow rules and regulations according to NEP 2020.

Results Grievances:

Examination committeein the institute will resolve all grievances relating to the evaluation.

13) Multiple Entry & Multiple Exit Path for four year degree programme

The Entry and Exit options for students, who enter the undergraduate programme, shall be as follows:

1st Year

Entry 1: The entry requirement for Level 5 is Secondary School Leaving Certificateobtained after the successful completion of Grade 12 or Level 4.

Exit 1: Students who opt to exit after completion of the first year and havesecured 40 credits will be awarded a UG certificate if, in addition, they complete onevocational course of 4 credits during the summer vacation of the first year. These studentsare allowed to re-enter the degree programme within three years and complete thedegree programme within the stipulated maximum period of seven years.

2nd Year

Entry 2: The Entry requirement for Level 6 is a certificate obtained after completing theFirst year (two semesters) of the undergraduate programme.

Exit 2: Students who opt to exit after completion of the second year and havesecured 80 credits will be awarded the UG diploma if, in addition, they complete onevocational course of 4 credits during the summer vacation of the second year. TheseCurriculum and Credit Framework for Undergraduate Programmesstudents are allowed to re-enter within a period of three years and complete the degreeprogramme within the maximum period of seven years.

3rd Year

Entry 3: The Entry requirement for Level 7 is a diploma obtained after completing twoyears (four semesters) of the undergraduate programme.

Exit 3: Students who wish to undergo a 3-year UG programme will beawarded UG Degree in the Major discipline after successful completion of three years and satisfying the minimum credit requirement.

A Bachelor's degree requires 120- 156 credits from levels 5 to 7, with 40- 52 credits atlevel 5, 80 to 104 credits at level 6, and 120 -156 credits at Level 7.

4th Year

Entry 4: An individual seeking admission to a Bachelor's degree (Honours/ Research)(Level 8) in a specified field of learning would normally have completed all requirements ofthe relevant three-year bachelor degree (Level 7).

After completing the requirements of a Three year Bachelor's degree, candidates who meet aminimum CGPA of 7.5 shall be allowed to continue studies in the fourth year of theundergraduate programme to pursue and complete the Bachelor's degree with Research.

Exit 4: On the successful completion of the Fourth year, a student shall be awarded a degree(Honours/ Research). A Bachelor's degree (Honours/ Research) requires a total ofminimum160 credits from levels 5 to 8.

4-year UG Degree (Honours): A four-year UG Honours degree in the major disciplinewill be awarded to those who complete a four-year degree programme with 160 credits.

4-year UG Degree (Honours with Research): Students who secure CGPA of 7.5 andabove in the first six semesters and wish to undertake research at the undergraduatelevel can choose a research stream in the fourth year. They should do a research projector dissertation under the guidance of a faculty member of the University/College. Theresearch project/dissertation will be in the major discipline. The students who secure 160credits, including 12 credits from a research project/dissertation, are awarded UG Degree (Honours with Research).