

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
JNANA SANGAMA, BELAGAVI – 590 018**



**Regulations applicable to Bachelor of Vocation degree programs  
offered at the Industries / Establishments  
through  
Skill Knowledge Provider under VTU**

**With effect from July 2024**

**CONTENTS**

<b>Particulars</b>		<b>Page</b>
<b>Preamble</b>	(A) Vocational Education	03
	(B) National Skills Qualification Framework (NSQF)	03
	(C) Attributes of a Professional	03
	(D) All India Council for Technical Education	04
	(E) National Occupation Standards (NOSs)	04
	(F) National Skill Development Corporation (NSDC)	05
Definitions Applicable to NSQF:		05
<b>Regulations governing the award of Bachelor of Vocational (B.Voc.) degree.</b>		
<b>Clause</b>	<b>Particulars</b>	<b>Page</b>
24BVoc1.0	Title, Qualification Options available with the Programme, Duration, Credits of the Programme and Definition of Credits and Teaching – Learning hours.	07
24BVoc2.0	Academic Eligibility for Admission and Intake.	08
24BVoc3.0	Admission and Fees.	09
24BVoc4.0	Courses, Medium of Instructions, Curriculum and Delivery and Course Registration.	09
24BVoc5.0	Grading System and, Computation of SGPA and CGPA.	11
24BVoc6.0	Passing Standard	12
24BVoc7.0	Attendance Requirement.	13
24BVoc8.0	Vertical Progression (Promotion/ Eligibility to higher semesters).	14
24BVoc9.0	Award of Degree.	15
24BVoc10.0	Temporary Discontinuation/Break in the Programme.	15
24BVoc11.0	Multiple Entry and Multiple Exits.	15
24BVoc12.0	Transfers of Students.	16
24BVoc13.0	Applicability and Power to Modify.	16

## Preamble

### (A) Vocational Education

In recognition of the critical role that vocational education plays in equipping individuals with industry-relevant skills and fostering employability, this regulation seeks to establish a comprehensive framework for the development, implementation, and governance of vocational programs. These programs are designed to bridge the gap between traditional education and the practical demands of the labor market by offering specialized training that aligns with current industry standards.

This regulation is founded on the principles of inclusivity, flexibility, and innovation, aiming to provide diverse learning opportunities that cater to a wide range of learners, including students, professionals seeking to upskill, and individuals pursuing alternative career pathways. By fostering collaboration between educational institutions, industries, Skill Knowledge provider and government bodies, it ensures that vocational programs remain responsive to evolving technological advancements and economic trends.

The regulation outlines the structure, eligibility criteria, and evaluation mechanisms for vocational programs, ensuring high-quality training. It emphasizes the importance of integrating theoretical knowledge with practical experience, encouraging hands-on learning, apprenticeships, and industry placements as integral components of vocational education.

VTU has taken steps to institute Vocational Programmes in the Industries through Skill Knowledge Provider to accelerate the AICTE initiatives under NSQF. This would enable the individuals completing the Vocational education to make a meaningful participation in accelerating India's economy by gaining appropriate employable skills, becoming entrepreneurs & creating appropriate knowledge. It is a degree course with a Bachelor of Vocational Education.

### (B) National Skills Qualification Framework (NSQF)

The National Skills Qualification Framework (NSQF) is a competency-based framework that organizes qualifications according to a series of levels of knowledge, skills, and aptitude. It aims to standardize and harmonize skill training across various sectors, promoting mobility, and employability both within the country and internationally. The NSQF provides a comprehensive structure for defining the required outcomes of learning in vocational and skill-based education, ensuring consistency and quality.

Under this framework, each qualification is assigned a level based on criteria such as the complexity of tasks, responsibility, and autonomy of the learner. The framework spans from **Level 1** (entry-level skills) to **Level 10** (advanced, high-level professional competencies), offering a transparent path for career progression. By integrating the NSQF into vocational programs, learners are provided with nationally recognized and internationally accepted certifications, enhancing their employability and facilitating lifelong learning

### (C) Attributes of a Professional

#### (a) Professional knowledge

Professional knowledge is what a Professional should know about the subject. It can be in terms of

1. Depth of knowledge and can be general or specialized,
2. Breadth of knowledge ranging from a single topic to multi-disciplinary area of knowledge,
3. Kinds of knowledge ranging from concrete (tangible) to abstract (intangible) from segmented too cumulative,
4. Complexity of knowledge refers to the combination of kinds, depth, and breadth of knowledge

#### (b) Professional skill

Professional skills are what a Professional should be able to apply. These skills can be,

- (i) Cognitive and creative skills involving the use of intuitive (instinctive), logical and critical thinking,
- (ii) Communication skills involving written, oral, literacy and numeracy skills,

(iii) Interpersonal skills and generic skills.

### **(c) Core skill**

Core skills refer to basic skills involving dexterity (the ability to perform a difficult action quickly and skillfully with the hands) and the use of methods, materials, tools and instruments used for performing the job, including IT skills needed for that level. This is possible predominantly by engaging oneself in core / perennial jobs in an establishment.

### **(d) Responsibility**

Responsibility aspect pertaining to the,

- (i) Nature of working relationships: Responsible for decision-making in complex technical activities, involving unpredictable study/work situations.
- (ii) Level of responsibility for self and others: responsible for the development of self and others.
- (iii) Managing change: Exercise management and supervision in the context of predictable and unpredictable work/study changes.
- (iv) Accountability for actions: Responsible for strategic decisions in unpredictable complex situations of work/study.

## **(C) All India Council for Technical Education (AICTE)**

The All-India Council for Technical Education (AICTE) has been in existence since November 1945 as a National Level Apex Advisory Body and as a statutory body through an Act of Parliament in 1987 with its mission of developing and promoting quality Technical Education in the Country in a coordinated and integrated manner. The Council's constant endeavor is to encourage a meaningful association between the Technical Education system and research and development activities in a concerted effort aimed at nation building.

### **Vision of AICTE**

"To be a world-class organization leading technological and socio-economic development of the country by enhancing the global competitiveness of technical manpower and by ensuring high quality technical education to all sections of the society."

### **Mission of AICTE**

- (i) A true facilitator and an objective regulator;
- (ii) Transparent governance and accountable approach towards the society;
- (iii) Planned and coordinated development of Technical Education in the country by ensuring world-class standards of Institutions through accreditation;
- (iv) Emphasis on developing high-quality Institutions, academic excellence, and innovative research and development programs;
- (v) Networking with/ or a network of Institutions for optimum resource utilization;
- (vi) Dissemination of knowledge;
- (vii) Technology forecasting and global manpower planning;
- (viii) Promoting industry-institution interaction for developing new products, services & patents;
- (ix) Inculcating entrepreneurship;
- (x) Encouraging Indigenous technology;
- (xi) Focusing on non-formal education;
- (xii) Providing affordable education to all;
- (xiii) Making Technical Education in India globally acceptable.

## **(D) National Occupation Standards (NOSs)**

Ministry of Skill Development and Entrepreneurship, Government of India is responsible for co-

ordination of all skill development efforts across the country, removal of the disconnect between demand and supply of skilled manpower, building the vocational and technical training framework, skill up-gradation, building of new skills, and innovative thinking not only for existing jobs but also jobs that are to be created. The Ministry aims to skill on a large scale with speed and high standards in order to achieve its vision of a 'Skilled India'.

The Ministry also intends to work with the existing network of skill development centers, universities and other alliances in the field. Further, collaborations with relevant Central Ministries, State Governments, International Organizations, Industry and NGOs have been initiated for multi-level engagement and more impactful implementation of skill development effort.

National Occupational Standards (NOSs) specify the standard of performance an individual must achieve, when carrying out a function in the workplace, together with the knowledge and understanding they need to meet a standard consistently. Each NOS defines one key function in a job role. Example: For an “Electronic Hardware Assembly Operator”, one of the NOS would be “responsible for installing electronic components inside various devices of an Electric Vehicle”. A set of NOSs [called Qualification Packs (QPs)], aligned to a job role, would be available for every job role in each industry sector. These drive both the creation of curriculum and assessments. These job roles would be at various proficiency levels and aligned with the NSQF.

Sector Skill Councils (SSCs) are responsible for the creation of QPs and NOSs. They also create Occupational Standards and Qualification bodies, develop competency frameworks, conduct Train the Trainer Programs, conduct skill gap studies, and Assess and Certify trainees on the curriculum aligned to National Occupational Standards developed by them.

National Occupational Standards describe best practices by bringing together performance criteria, knowledge, and skills about a job role and finding acceptance in the skilling ecosystem throughout the country.

### **(E) National Skill Development Corporation (NSDC)**

NSDC as Public Private Partnership (PPP) model was set up by the Ministry of Finance, Government of India, as part of a national skill development mission to fulfill the growing need in India for skilled manpower across sectors and narrow the existing gap between the demand and supply of skills.

NSDC aims to promote skill development to international standards through significant industry involvement and develop necessary frameworks for standards, curriculum, and quality assurance.

Further, the organization provides funding to enterprises, companies, organizations, and private sectors to build appropriate models to enhance, support, and coordinate vocational training initiatives for quality assurance, and information systems and train the trainer academies either directly or through partnerships.

### **Definitions Applicable to NSQF**

**(i) Competence:** means the proven ability to use acquired knowledge, skills and personal and social abilities, in discharge of responsibility roles. It is the ability to do a job well.

**(ii) Credit:** is recognition that a learner has successfully completed a prior course of learning,

corresponding to a qualification at a given level.

**(iii) Knowledge:** means the outcome of the assimilation of information through learning. Knowledge is the body of facts, principles, theories and practices that is related to a field of work or study. Knowledge is described as theoretical and/or factual.

**(iv) Learner:** refers to an individual undergoing skill development training, whether in a formal or informal setting.

**(v) Learning Outcomes:** represent what a learner knows, understands and is able to do on completion of a learning process, and which would be expressed in terms of knowledge, skills and competence;

**(vi) Qualification:** means a formal outcome of an assessment and validation process which is obtained when a competent body determines that an individual has achieved learning outcomes to given standards.

**(vii) Sector:** means a grouping of professional activities on the basis of their main economic function, product, service, or technology

**(viii) Skills:** means the ability to apply knowledge and use know-how to complete tasks and solve problems. Skills are described as cognitive (involving the use of logical, intuitive and creative thinking) or practical (involving manual dexterity and the use of methods, materials, tools and instruments);

**(ix) Trainer:** means someone who trains, instructs, teaches or otherwise enables the learner(s) to acquire the appropriate knowledge and skills.

**(x) Training Provider, Institute, and Institution:** refer to any organisation providing knowledge and skills to learners.

**(xi) Skill Knowledge Provider (SKP):** Skill knowledge provider means someone who trains, instructs, teaches or otherwise enables the learner(s) to acquire the appropriate knowledge and skills. Skill knowledge provider will be Industries, R & D institutes, training institutes, individual, Universities etc.



24BVoc1.0	<b>Title, Qualification Options available with the Programme, Duration, Credits of the Programme and Definition of Credits and Teaching –Learning hours</b>
24BVoc1.1	<p><b>Title:</b> The Programme [Level 7 of National Skills Qualifications Framework (NSQF Level 7)] of three years of study shall be called the degree of Bachelor of Vocation, abbreviated as B.Voc.</p> <p><b>Qualification Options available with the Programme</b></p> <p><b>(a)</b> Those who complete Three years of study of B.Voc. Programme (six semesters and 120 credits), shall receive a Bachelor of Vocation “B.Voc.” (Level 7) (Sector name and Specialisation) degree certificate from the University.</p>
24BVoc1.2	<p><b>Duration</b></p> <p><b>(A) Minimum Duration of B.Voc. and its salient features:</b></p> <p><b>(i)</b> The B.Voc. Programme shall be of <b>three</b> academic year duration divided into six semesters.</p> <p><b>(ii)</b> The B.Voc. shall be a Single Shift (also called Regular Shifts of an Establishment) Programmewhere activities of the Establishment (Industry) are conducted round the clock as per the establishment's regular shift operations</p> <p><b>(iii)</b> The actual Teaching and On-the-Job Training cumulative days shall be a minimum of 90 working days and a Maximum of 151 days in a semester. The total number of teaching days, OJT, and contact hours (online &amp; offline) shall not include the number of days utilized for the admission/counseling process, process of examination and examination itself, and declaration of results.</p> <p><b>(iv)</b> The commencement and end of each semester and academic events in respect of the program of study shall be notified by <i>the</i> Skill Knowledge Provider offering B.Voc. Programme with the approval of the university.</p> <p><b>(v)</b> Based on the requirement of the establishment/shortage of attendance of the student, students may be able to secure extra on-the-job training (OJT) hours and receive approval from the Skill Knowledge Provider (SKP).</p> <p><b>(B) Maximum Duration for B.Voc.:</b></p> <p><b>(a) For the award of B.Voc. to students admitted to first year of the programme</b></p> <p><b>(i)</b> Students admitted to First year B.Voc. shall complete the Programme within a period of <b>six academic years</b> from the date of first admission, failing which they have to discontinue the Programme.</p> <p><b>(ii)</b> Students who have not obtained eligibility for III semester even after <b>two academic years</b> from the date of admission to the I semester, because of various reasons, shall be discontinued from the Programme</p> <p><b>(b) For the award of B.Voc. to students admitted to second year of the programme</b></p> <p><b>(i)</b> Students admitted to the second year of B.Voc. under lateral entry scheme shall complete the Programme within a period of <b>four academic years</b> from the date of first admission for the award of certificate (Level 7), failing which they have to discontinue the Programme.</p> <p><b>(ii)</b> Students admitted to the third year of B.Voc. under lateral entry scheme shall complete the Programme within a period of <b>two academic years</b> from the date of first admission for the award of certificate (Level 7), failing which they have to discontinue the Programme</p>



24BVoc1.3	<b>Credits of the Programme</b> The prescribed credits for the three-year B.Voc. programme shall be 120.
24BVoc1.4	<b>Definition of Credits and Teaching – Learning hours</b> <b>(a) Definition of Credits</b> 1 hour Lecture (L) per week per semester =1 Credit 2 hour Tutorial (T) per week per semester =1 Credit 2 hour Practical/Laboratory/Drawing/Fieldwork (P) per week per semester =1 Credit. <b>(b) Teaching – Learning hours</b> <ul style="list-style-type: none"> <li>• One credit is normally defined as the learning unit awarded for 13 hours of Teaching - learning.</li> <li>• Four credit courses are designed for 50 hours Teaching – Learning process.</li> <li>• Three credit courses are designed for 40 hours Teaching – Learning process.</li> <li>• Two credit courses are designed for 25 hours Teaching – Learning process.</li> </ul>
24BVoc2.0	<b>Eligibility, Academic Eligibility for Admission and Intake</b> (As per the VTU notifications issued from time to time)
24BVoc2.1	<b>Academic Eligibility to B.Voc. programme</b> <b>(a) Admission to B.Voc. programme without NSQF qualification</b> <ul style="list-style-type: none"> <li>• A candidate passed in second PUC/10+2/ITI/Diploma in Engineering/D.Voc /Equivalent vocational training with level 4 from recognized Board and obtained an aggregate minimum of 35% Marks.</li> <li>• Those candidates, who have passed a qualifying examination other than the PUC II examination of the Pre-University Education Board of Karnataka, ITI from the National Council for Vocational Education and Training (NCVT), Diploma from Directorate of Technical Education (DTE), have to obtain eligibility certificate from Visvesvaraya Technological University, Belagavi for seeking admission to B.Voc Degree Programme.</li> <li>• About the qualification earned from foreign countries, an Equivalence certificate from the University/ Association of Indian Universities is mandatory for admission to B.Voc Programme. In case of any dispute about the equivalence.</li> <li>• In qualification earned from foreign countries, the decision of the University Equivalence Committee shall be the final in establishing the eligibility of the student.</li> </ul> <b>(b) Admission to B.Voc. programme with NSQF Qualification</b> <ul style="list-style-type: none"> <li>• Candidates who have acquired NSQF certification Level 4 (with any specialization) are eligible for admission to first year of B.Voc. provided the specialization of certification Level 4 is same as the B.Voc. specialization.</li> <li>• Candidates who have acquired NSQF certification Level 5 are eligible for admission to II years of B.Voc. provided the specialization of certification Level 5 is the same as the B.Voc. specialization.</li> <li>• Candidates who have acquired NSQF certification Level 6 are eligible for admission to III years of B.Voc. provided the specialization of certification Level 6 is the same as the B.Voc. specialization.</li> <li>• Candidates from a general stream can enter at a certain Level of a vocational stream, provided the skills required at that Level are acquired, from a registered Skill Knowledge Provider (SKP). A suitable <b>Bridge Course</b>, where necessary shall be prescribed by the Skill Knowledge Provider, with the approval of the University, for imparting the knowledge to the student</li> </ul>



	<p>seeking lateral entry and prior to joining the B Voc. Program, as per the need from selection process.</p> <ul style="list-style-type: none"> <li>• A Student who has acquired the skills through work experience, can also enter the Vocational stream at an appropriate Level provided he/she is assessed for the skills acquired from a registered Skill Knowledge Provider.</li> </ul> <p><b>(c) Admission to B.Voc. programme under Employability Enhancement Scheme</b></p> <p><b>(i)</b> Candidates can seek employment after any Level of Certification and join back/re-join as and when feasible, with no age bar, to upgrade their qualification/skill competency either to move higher in his/her job or in the higher educational system.</p> <p><b>(ii)</b> Candidates' admission to the first year, second year or third year of the B.Voc. program shall decide the maximum duration of the program as mentioned under 24BVoc1.2</p>
<b>24BVoc3.0</b>	<b>Admission and Fees</b>
<b>24BVoc3.1</b>	<p><b>(A) Admission</b></p> <ol style="list-style-type: none"> <li>1. Skill Knowledge Provider shall publish in their Brochure and Web site the details of B.Voc. Programme and the specialization/s offered and approved intake in respective specialization with the approval of the university.</li> <li>2. Skill Knowledge Provider shall invite applications, giving advertisement in newspapers and publishing the same in the Skill Knowledge Provider's Website.</li> <li>3. Skill Knowledge Provider, shall prepare the list of candidates to be admitted on a merit basis from among the applicants as per the reservation policy of State Govt. The list of selected candidates shall be notified only after university approval.</li> <li>4. The Skill Knowledge Provider shall upload the candidate's information in VTU Web-Portal and also display information regarding admitted candidates in their Website for information to the candidates and other stakeholders.</li> <li>5. The candidates will be selected for the on-the-job training at the industry, with the minimum admission requirements being 10+2/PUC/ITI/Diploma in Engineering. A stipend will be provided for students focused on career advancement and who will be enrolled in the B.Voc. program.</li> <li>6. Students enrolling in various courses will be admitted based on the number specified by the companies; no external students will be accepted, in accordance with the terms of the MoU.</li> </ol> <p>(Note: admission is not available to the general public. Student enrollment is exclusively granted to those designated by the companies in partnership with the Gram Vikas Society.)</p> <p><b>(B) Fees</b></p> <ol style="list-style-type: none"> <li>(i) The tuition and other fee for candidates to be admitted for the Vocational Courses shall be regulated by the University.</li> <li>(ii) The Skill Knowledge Provider shall display the tuition and other Fees charged for the approved specialization on their brochure &amp; website.</li> <li>(iii) The fee structure for B.Voc. programs includes University Registration Fees, Eligibility Fees, University Academic Fees, Examination fees (Application, Examination, Marks Card fees), and Convocation Fees. These will be covered by the participating Industry on behalf of the student.</li> </ol>
<b>24BVoc4.0</b>	<b>Courses, Medium of Instructions, Curriculum and Delivery and Course Registration</b>

<b>24BVoc4.1</b>	<p><b>Courses</b></p> <p>There shall be the following types of Courses:</p> <p>(a) Educational Component.</p> <p>(b) Practical's/Seminar.</p> <p>(c) On-Job-Training (OJT).</p> <p>The credits earmarked for each of the above shall be as per the VTU / AICTE Guidelines adopted in Model Curriculum for B.Voc. [To be read along with 24BVoc4.3(v), (vi) and (vii).]</p>
<b>24BVoc4.2</b>	<p><b>Medium of Instructions</b></p> <p>The medium of instruction shall be English.</p>

<b>24BVoc4.3</b>	<p><b>Curriculum</b></p> <ol style="list-style-type: none"> <li>1. The specialization/s chosen for B. Voc. Programme shall be based on the existing/forecasted skill gaps in the industry.</li> <li>2. The Skill Knowledge Provider approved to offer B.Voc. programme/s, shall select the model curriculum designed and published by VTU / AICTE / Shall prepare follow VTU recommended Scheme and Syllabus from time to time or shall opt for any other Technical Vocational Course/s with the curriculum approved by the University and the branch (specialization) approved by the Council.</li> <li>3. The University through its Board of Studies shall develop the curriculum in consultation with the industry. The model structure (syllabus) for different Course/s proposed by the Council and available in VTU Web-Portal shall be used as a guideline and the same may be adopted, if necessary, with suitable changes on approval of University Authorities.</li> <li>4. The curriculum shall be designed in a manner that at the end of year-1, year-2 and year-3, students are able to meet knowledge and skills for Level 5, 6 and 7 of NSQF, for the award of a Bachelor in Vocation (B.Voc.).</li> <li>5. The curriculum in each of the years of the Programme would be a suitable mix of general education and skill development components. The General Education Component shall have 20% of the total credits and balance 80% credits will be of Skill Component (On-the-Job Training) or as amended by the Ministry of Education/ Ministry from time to time.</li> <li>6. The curriculum of each semester shall be designed for 20 credits; 07 credits for one on-job-training and the rest 13 credits for the courses.</li> <li>7. The general education components shall be of university standard to support soft skills, IT skills, and language proficiency and literature for the holistic development of students.</li> <li>8. For the skills component, the University shall adopt the model curriculum developed by the concerned Sector Skill Councils, wherever available, in consultation with the industry. Wherever the curriculum is not available, the same shall be developed in consultation with the relevant Sector Skill Councils and industry to align the curriculum with the National Occupational Standards (NOS's) and to promote national and global mobility of the learners, as well as higher acceptability by the industry for employment purposes.</li> <li>9. In case NOS is not available for a specific area/ job role, the University shall prepare the curriculum in consultation with industry experts.</li> <li>10. The industry representatives should be an integral part of the academic bodies of the Skill Knowledge Provider/NGO and they shall work towards aligning the employability skills components of the curriculum with the</li> </ol>
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	<p>National Occupation Standards developed by the respective Sector Skill Councils.</p> <p><b>11.</b> The On-Job-Training/hands-on portion of the skills development components of the curriculum shall be transacted (performed) normally in face-to-face mode, at a specified industry partner location.</p> <p><b>12.</b> However, if due to the nature of the skill to be learned, the industry prescribes its acquisition through blended or distance mode, the same may be followed. In a nutshell, the emphasis should be on learning outcomes and not the input and processes. The general education component of the curriculum shall be transacted in any mode without compromising on quality.</p>																																				
24BVoc4.4	<p><b>Delivery</b></p> <p>(i) Skill Knowledge Provider shall appoint Teaching Staff, Coordinator and other Technical Supporting Staff, and Administrative Staff strictly following the methods and procedures of the University.</p> <p>(ii) Education and Skill components shall be taught by the Skill Knowledge Provider and Industry. Industry Experts or Guest Faculty may be called for supplementing the curriculum as required as Industry Skill Experts.</p>																																				
24BVoc4.5	<p><b>Course Registration</b></p> <p>Every student shall register for the Courses of a Semester (Credits) under the supervision of a Faculty Advisor (also called Mentor, Counsellor, etc.,) in each semester to maintain proper record.</p>																																				
24BVoc5.0	<p><b>Grading System and, Computation of SGPA and CGPA</b></p>																																				
24BVoc5.1	<p>(i) The Programme shall adopt an absolute grading system wherein the marks are converted to grades, and every semester results shall be declared with Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA). The CGPA will becalculated for every semester, except for the first semester.</p> <p>The grading system with the letter grades and the assigned range of marks under the absolute grading system are as given below:</p> <table><tr><th>Letter Grade</th><th>O</th><th>A+</th><th>A</th><th>B+</th><th>B</th><th>C</th><th>P</th><th>F</th></tr><tr><td></td><td>Outstanding</td><td>Excellent</td><td>Very Good</td><td>Good</td><td>Above Average</td><td>Average</td><td>Pass</td><td>Fail</td></tr><tr><th>Grade Point</th><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>0</td></tr><tr><th>% of Marks Secured</th><td>90-100</td><td>80-89</td><td>70-79</td><td>60-69</td><td>55-59</td><td>50-54</td><td>40-49</td><td>0-39</td></tr></table> <p><b>Letter Grade:</b> Course Letter Grade (or simply letter grade or grade) is an index of performance of a student in a said course and refers to a qualitative measure of achievement of a student in each course, based on the percentage range of marks secured in CIE and SEE put together or CIE alone. Grades are denoted by letters O, A+, A, B+, B, C, P and F. The rubrics attached to letter grades are as follows: <b>O:</b> Outstanding, <b>A+:</b> Excellent, <b>A:</b> Very Good, <b>B+:</b> Good, <b>B:</b> Above Average, <b>C:</b> Average, <b>P:</b> Pass and <b>F:</b> Fail.</p> <p><b>Computation of SGPA and CGPA:</b></p>	Letter Grade	O	A+	A	B+	B	C	P	F		Outstanding	Excellent	Very Good	Good	Above Average	Average	Pass	Fail	Grade Point	10	9	8	7	6	5	4	0	% of Marks Secured	90-100	80-89	70-79	60-69	55-59	50-54	40-49	0-39
Letter Grade	O	A+	A	B+	B	C	P	F																													
	Outstanding	Excellent	Very Good	Good	Above Average	Average	Pass	Fail																													
Grade Point	10	9	8	7	6	5	4	0																													
% of Marks Secured	90-100	80-89	70-79	60-69	55-59	50-54	40-49	0-39																													

	<p>1) Semester Grade Point Average (SGPA) will be awarded at the end of each Semester and Cumulative Grade Point Average (CGPA) will be awarded at the end of the program. However, CGPA is calculated at the end of each semester from the second semester onwards and reflected in the grade card for indicating the progress of the student.</p> <p>2) Each course in a program is associated with number of credits (C). Based on the number of Credits for a course and the obtained Grade Point (GP) for that course in a Semester, the GPA is calculated as given below:</p> <p>a) The SGPA is the ratio of the sum of the product of the number of credits with the grade points secured by a student in all the courses taken by him and the sum of the number of credits of all the courses undergone by a student, i.e.,</p> $SGPA = \sum (C_i \times G_i) / \sum C_i$ <p>Where <math>C_i</math> is the number of credits of the <math>i</math>th course and <math>G_i</math> is the grade point scored by the student in the <math>i</math>th course.</p> <p>b) The CGPA is also calculated in the same manner considering all the courses undergone by a student over all the semesters of a programme, i.e.,</p> $CGPA = \sum (C_i \times S_i) / \sum C_i$ <p>Where <math>S_i</math> is the SGPA of the <math>i</math>th semester and <math>C_i</math> is the total number of credits in that semester.</p> <p>Finally, the SGPA and CGPA shall be rounded off to 2 decimal points and reported in the grade cards. An illustrative example to calculate SGPA and CGPA for one academic year is shown in <b>Annexure-I</b>.</p>
<b>24BVoc5.2</b>	<p><b>Conversions of CGPA into Percentage of marks and Class Equivalence</b></p> <p>The following formula for conversion of the CGPA on a 10-point scale into the percentage of marks (M) for employment/ higher studies, etc. may be used;</p> <p>Percentage of marks secured, <math>M = CGPA \text{ Earned} \times 10</math></p> <p>E.g.: Illustration for a CGPA of 8.20;</p> <p>Percentage of marks secured, <math>M = 8.20 \times 10 = 82.0 \%</math></p>
<b>24BVoc5.3</b>	<p><b>Class Equivalence</b></p> <p>After the conversion of the final CGPA, after successful completion of the Program, into the percentage of marks (M), a graduating student is reckoned to have passed in</p> <p>(i) First Class with Distinction (FCD) if <math>M \geq 70</math></p> <p>(ii) First Class (FC) if <math>60 \leq M &lt; 70</math></p> <p>(iii) Second Class (SC) if <math>50 \leq M &lt; 60</math></p> <p>(iv) Pass Class (P) if <math>40 \leq M \leq 50</math></p>
<b>24BVoc5.4</b>	<p><b>Grade Card:</b> Based on the secured letter grades, grade points, SGPA and CGPA, a grade card for each semester and a consolidated grade card indicating the performance in all semesters shall be issued.</p>
<b>24BVoc6.0</b>	<p><b>Passing Standards</b></p> <p><b>Maximum and Minimum CIE Marks:</b></p> <p>The maximum weightage of CIE mark shall be 50/100. CIE marks to be secured in each of the courses shall be 40 % of the maximum marks of CIE.</p> <p><b>Maximum and Minimum SEE Marks:</b></p> <p>The maximum weightage of SEE marks shall be 50 and marks to be secured for passing shall be 35 % of the maximum marks of SEE.</p> <p>Skill Training for SEE will take place at the OJT site, following the prior selection</p>

	<p>of an internal examiner from SKP and an external examiner from the OJT organization and evaluation marks should be submitted to VTU.</p> <p><b>Eligibility for Passing a Course:</b></p> <p>The overall passing marks shall be 40% of the maximum marks (the sum of the CIE and SEE should be 40% of the maximum marks) of the course. That is, minimum passing grade in a course (head of passing) shall be "P".</p> <p><b>Semester Passing Standards:</b></p> <p>A student shall be declared successful or 'passed' in the entire undergraduate programme, only when he secures a Grade Point of 4 ("P" Grade) or above in every registered course in each Semester during the entire programme for the Degree Award, as required.</p> <p>A Student shall be declared successful or 'passed' in any Non-Credit Course if he secures a 'Satisfactory Grade (PP)' for that Mandatory Course.</p> <p>A student who satisfy the above conditions, and obtain any grade from 'O' to 'P' in a course shall be considered to have passed that course.</p> <p>A student shall be awarded letter grade a course as indicated below, if he/she,</p> <p>Fails to satisfy the conditions under Section (5) above: 'F' Grade,          Absents himself/herself from the University examinations: 'AB' Grade,          Has attendance shortage in a course: 'DX' Grade, and Course is Incomplete for any reason: 'IC'.</p> <p>Students satisfying the attendance requirement but failing to secure the minimum percentage of CIE marks, in any course/s, shall not be eligible for the SEE, conducted by the University and they shall be considered as fail in that Course/those Courses and marked as DX in the grade cards against this course/s. However, they can appear for University examinations conducted for other Courses of the same semester and backlog course/s if any.</p> <p>Students who have satisfied the attendance requirement but not the CIE requirements can be permitted to register afresh and appear for SEE after satisfying the CIE requirements in the same Course(s) when offered during the next immediate semester/s or later.</p> <p>Each appearance to SEE or absence after completing CIE and attendance requirements to complete a course shall be treated as an attempt.</p> <p>If a student consistently underperforms in a subject for three consecutive times, they might be allowed to select an alternative course subject with the same credit value. This could be a course recommended by the Industry or Academy Council, or one from a list of electives.</p>
24BVoc7.0	<b>Attendance Requirement</b>
24BVoc7.1	<p>(a) Each semester shall be considered as a unit for calculation of the attendance and the students have to put in a minimum attendance of 85% in each Course with a provision of condonation of 10% of the attendance by the Vice Chancellor on the specific recommendations of the Head of the Establishment, where the candidate is undergoing OJT / studying, based on medical grounds, participation in University/State/ National/ International level sports and cultural activities, NSS/NCC activities, Republic/Independence Day Parade, seminars, workshops, paper presentation etc., of significant value. The supporting documents for condoning the shortage of attendance are to be submitted along with the recommendations.</p> <p>(b) The basis for the calculation of attendance shall be the period prescribed in</p>

	the calendar of events. In case of legitimate late admissions to first year of the programme, the attendance shall be reckoned from the date of admission to the Programme.
24BVoc7.2	i) The Course Instructor/ Mentor/ Skill Knowledge Provider shall inform the students as well as their parents /guardians about the attendance status periodically. Students who are facing the shortage of attendance shall be mentored to make up the shortage. Skill Knowledge Provider shall also notify every month, of the list of candidates who are under short of attendance.
24BVoc7.3	ii) A candidate, who does not satisfy the attendance requirement (in one or more Courses) as mentioned in 24BVoc8.1 shall not be eligible to appear for the SEE of that semester and shall not be permitted to take admission to next higher semester. The candidate shall be required to repeat that semester during the subsequent year.
24BVoc8.0	<b>Vertical Progression (Promotion/ Eligibility to higher semesters)</b>
24BVoc8.1	<p><b>(a)</b> A student shall be declared fail in a course if the student,</p> <ul style="list-style-type: none"> <li>• Has not satisfied the CIE requirements of any credit Course/s.</li> <li>• Absents himself / herself to the semester end examination/s.</li> <li>• Has not registered for the SEE even after satisfying the attendance and CIE requirements.</li> <li>• Is held guilty of examination malpractice and for any other reasons, and declared the performance of any Course/s null and void by the University.</li> </ul> <p><b>(b)</b> There shall be no restriction for promotion from an odd semester to the next even semester of any year, provided the student has fulfilled the attendance requirement.</p> <p>A student progresses according to his/her performance and could register for the higher semesters subjected to following conditions.</p> <p><b>1) Students admitted to the first year:</b></p> <ol style="list-style-type: none"> <li>a) Students having “F” grades for the courses totaling to more than 16 credits in the 1<sup>st</sup> and 2<sup>nd</sup> semesters of the first year of the programme shall not be permitted to move to the 3<sup>rd</sup> semester (2<sup>nd</sup> year) of the programme. These courses include courses marked as DX.</li> <li>b) The students who fail to satisfy CIE and attendance requirement shall repeat the courses whenever offered next and become eligible for the 2<sup>nd</sup> year.</li> </ol> <p><b>2) Obtaining CIE:</b> From the 3<sup>rd</sup> semester (II year) onwards the student who obtains the required attendance for the course, but not the required CIE marks is allowed to move forward to the next semester. However, the student shall mandatorily obtain the required CIE in the subsequent semester. Obtaining minimum CIE marks for the course is mandatory. It may also be noted that the student shall not be permitted to appear for SEE in such courses until he/she obtains the required CIE.</p> <p><b>3) Completion of backlog courses:</b> From 3<sup>rd</sup> semester (II year) onwards,</p> <ol style="list-style-type: none"> <li>a) the student who obtains required attendance, CIE, and appearing for SEE obtains “F” Grade shall be allowed to move forward to the next semester (odd /even) irrespective of several “F” grades.</li> <li>b) there shall be no restriction for promotion from an even to next odd semester (or odd to next even semester) even if the student has not</li> </ol>



	<p>satisfied the attendance requirement in one or more courses (including bridge courses for lateral entry students), but he/she shall not be eligible to appear for SEE in those course(s). Such students shall repeat those courses whenever offered next.</p> <p>4) A student shall be given admission to the 7<sup>th</sup> semester (IV year) provided he/she passes all courses of 1<sup>st</sup> and 2<sup>nd</sup> semesters.</p> <p>5) <b>Permitted Maximum credits for registration:</b> The student shall be permitted to register for total courses to an extent 28 credits, this includes the subjects of the regular semester and backlogs due to shortage of the attendance and non-qualifying in CIE.</p>
<b>24BVoc9.0</b>	<b>Award of Degree</b>
<b>24BVoc9.1</b>	<p>The certificates for B.Voc. shall be issued by the University.</p> <p><b>(a) B.Voc. degree</b></p> <p>Students shall be eligible for the award of B.Voc. degree, provided they have undergone the stipulated coursework of all the six semesters and has earned the prescribed number of credits as per provision 24BVoc1.3.</p>
<b>24BVoc9.2</b>	<p><b>(2) Noncompliance of Skill Component {(On-the-Job (OJT) Training)} course</b></p> <p>The Skill Component {On-the-Job (OJT)} course shall be considered as a head of passing and shall be considered for the award of degree. Those, who do not take-up/complete the Skill Component (on-job training) course shall be declared fail in that course and they shall have to complete the same during subsequent semester end examination after satisfying the course requirements, subject to 24BVoc 1.2.</p>
<b>24BVoc10.0</b>	<b>Temporary Discontinuation/Break in the Programme</b>
<b>24BVoc10.1</b>	<p><b>(a)</b> If a candidate, for any reason, temporarily discontinues the Programme or take a break from the Programme during any semester intentionally, he/she shall be permitted to continue the Programme of study by registering to the same semester of the prevailing scheme. The candidate shall attend and complete all the remaining semester/s of the Programme, subject to the provision 24BVoc1.2 and adhering to the regulations of the prevailing scheme. Further, the candidate shall complete additional Course/s, as per the decision of concerned Board of Studies, if any, on establishing the equivalence between the current Scheme of Teaching and Examinations and the scheme to which the candidate was admitted.</p> <p><b>(b)</b> Candidates who take admission to any semester of the existing scheme from another scheme, as a fresher because of various reasons, shall attend and complete all the remaining semester/s of the Programme, subject to the provision 24BVoc1.2 and adhering to the regulations of the prevailing scheme. Further, the candidate shall complete additional Course/s, as per the decision of concerned Board of Studies, if any, on establishing the equivalence between the current Scheme of Teaching and Examinations and the scheme to which the candidate was admitted.</p> <p>A Grade card shall be issued to for the additional course/s completed. The Additional Courses shall not be considered for the eligibility criteria prescribed for promotion. However, based on the individual cases, they shall be considered to decide the SGPA and CGPA to admit the student for the award of degree. Such candidate shall not be eligible for the award of rank.</p>
<b>24BVoc10.2</b>	<p><b>(i)</b> The candidates who have temporarily discontinued the Programme of study or changed the scheme of study from one to another because of various reasons, shall be eligible for the award of degree provided the credits earned are equal to or greater than the credits decided by the University in the individual cases.</p> <p><b>(i)</b> In case, the credits earned is less than the credits decided by the University in the individual cases, after the completion of all the semesters of the Programme</p>



	under the prevailing scheme, the candidate shall register for a Course or courses not studied earlier and make up the credits earned equal to or greater than the required for the award of degree.
<b>24BVoc11.0</b>	<b>Multiple Entry and Multiple Exit (MEME):</b>
	<p>The multiple entries and exit points in the academic programmes would remove rigid boundaries and create new possibilities for students. To facilitate flexible learning within the stipulated period (six years for regular students and 04 years for lateral entry students), multiple-entry and multiple-exit options are offered to needy students.</p> <p>While earning credits towards their B.Voc degree, the students may judiciously use the options provided to them through CBCS and MEME clauses in the Regulations, to obtain additional UG certificates and a UG Diploma degree. However, they shall earn the required credits for the award of the degree within the maximum specified duration.</p> <p>The following distinctions are awarded under MEME options:</p> <p><b>1) UG Certificate in Respective Programmes of B.Voc</b> A student who exits at the end of I year of the program shall be awarded a UG certificate if he/she successfully passes the registered courses and earns a minimum CGPA of 5.0.</p> <p><b>2) UG Diploma in Respective Programmes of B.Voc</b> A student who exits the end of the II year of the program shall be awarded a UG Diploma certificate in B.Voc degree if he/she successfully passes the registered courses and earns a minimum CGPA of 5.0.</p>
<b>24BVoc12.0</b>	<b>Transfers of Students</b>
<b>24BVoc12.1</b>	Transfer of students from one Establishment to another Establishment shall not be permitted as such specialization of the B.Voc. programme is an individual entity based on the MoU signed between the Establishment and a SKP located at a specific location.
<b>24BVoc13.0</b>	<b>Applicability and Power to Modify</b>
<b>24BVoc13.1</b>	The regulations governing the Degree of B.Voc. of Visvesvaraya Technological University shall be a binding on all concerned and is applicable to VTU Skill Knowledge Provider
<b>24BVoc13.2</b>	<p>(i) Notwithstanding anything contained in the foregoing, the University shall have the power to issue directions/ orders to address any difficulty.</p> <p>(ii) 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.</p>