B. TECH Regulation under CBCS pattern

SI. No	Particulars				
1	PREAMBLE:				
	In exercise of the powers conferred by sub-section (3) of section 13 of The Swami Vivekananda University Act, 2019 (West Bengal Act XV of 2019), the University hereby makes the following Regulations, namely:-				
	Note: These regulations are prepared as the Choice Based Credit System (CBCS) is introduced in Under Graduate course of studies and examinations from the academic year 2021-22				

These regulations may be called The Swami Vivekananda University REGULATIONS: "Regulation for 4-year 8-semester B. Tech. course offered by different Schools of Engineering & Agriculture" These shall come into force with the passing of the same by the Governing Body/ Academic Council of the University. UG course of study & examination of The Swami Vivekananda University, for the students admitted during or after 2020 - 2021 academic year, shall be guided by these regulations.

3	DEFINITIONS:				
	3.1	"University" means the Swami Vivekananda University established and incorporated under section 3 of this Act			
	3.2	"Under Graduate Course of Study" '(UG)' means a three year course of study divided into six semesters, each of six months duration after successful completion of 10+2 examination.			
	3.3	"Academic year" means the period from July to June.			
	3.4	"Year" means the period commencing from 1st day of July and ending 30th June of the following year.			
	3.5	"Semester" means a period of six months beginning from July to December and January to June of each academic year containing at least 90 actual teaching days.			
	3.6	"Credit" means the unit by which the course work is measured. It is equivalent to one hour of teaching (Lecture or Tutorial) or two hours of Practical work/Field work per week.			
	3.7	"Letter Grade" means an index of the performance of students in a said course. Grades are allotted by letters O, A+,A,B+,B,C,P and F, and Absent will be stated as 'Ab'			
	3.8	"Grade Point" means a numerical weight allotted to each letter grade on a 10 point scale.			

	3.9	"Credit Point" means the product of grade point and number of credits for a course.
	3.10	"Semester Grade Point Average (SGPA)" means a measure of performance of a student in a semester. It is the ratio of total credit point secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
	3.11	"wGora ddeec Cimaradl polra cTeras.nscript" means a certificate issued to all registered students after every semester displaying the course details along with SGPA of that semester.
	3.12	"Enroll" means enrollment of a student for appearing at first Semester final examination.
	3.13	The Words and Expressions used but not defined shall be interpreted to have the same meaning as they have in The Swami Vivekananda University Act, 2019 (West Bengal Act XV of 2019).
	3.14	UGC/AICTE specified definitions/descriptions are adopted appropriately for various terms and abbreviations used in these academic regulations/ norms.

4	COURSE OF STUDIES:				
	4.1	There shall be two courses of studies leading to B. TECH Degree. One shall be termed as "Bachelor of Technology (B. Tech) Degree Course" and the other is "Bachelor of Technology (B. Tech) Lateral Entry Degree Course".			
	4.2	The admission to B. Tech Degree programs will be governed by the guidelines of the University and the H.E department of Govt. of West Bengal.as framed from time to time.			
	4.3	A Candidate shall be allowed to pursue any one of the Undergraduate Degree programme of the University (not more than one) at a time.			

5	Eligibility for Admission :				
	5.1	Category - 1 (General Entry): For admission into the FIRST YEAR of 4-Year B. Tech. course, the candidates must have passed Class XII Examinations in the system of 10+2 under West Bengal Council of Higher Secondary Education or equivalent with Physics, Chemistry, Mathematics securing an average of at least 50% marks (or equivalent grade) in these subjects. Cognizance of West Bengal JEE score, will be as per University discretion.			
	5.2	Category-2 (Lateral Entry):			
		5.2.1	Passed Diploma examination with at least 45% marks (40% in case of candidates belonging to reserved category) in ANY branch of Engineering & Technology.		

	5.2.2	Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% rnarks in case of candidates belonging to reserved category) and passed IO+2 examination with Mathematics as a subject.
	5.2.3	Provided that the .students belonging to B.Sc. Stream, shall clear the subjects Engineering Graphics/ Engineering Drawing and Engineering Mechanics of the First Year Engineering Programme along with the Second year subjects.
	5.2.4	Provided that the students belonging to B.Sc. Stream shall be considered only after filling the supernumerary seats in this category with students belonging to the Diploma stream.
	5.2.5	Passed D. Voc. Stream (Diploma of Vocation Programme) in the same or allied sector.
381	5.2.6	In the above cases, suitable bridge courses, if required, such as in Mathematics or Basic Engineering foundation courses, may be suitably designed and implemented.

F. No. AICTE/AB/SCR/Circular/Lateral Entry/2020-21 dated 127/09/2020

Semester Scheme & Award of Degree :

Each undergraduate programme is divided into 4 / 3 academic years (8 / 6 semesters) with each semester of 22 weeks of duration (16 weeks for instruction), each semester having Continuous Internal Evaluation (CIE)" and "Semester End Examination (SEE)". Choice Based Credit System (CBCS) and Credit Based Promotion System (CBPS) as indicated by UGC and curriculum / course structure as suggested by AICTE are followed.

The award of the said B. Tech. Degrees will be conferred to students who are successful in all of the eight (8) / six (6) Semester examinations.

EXAMINATION & EVALUATION:			
7.1	Eligibility to appear the examination:		
	A candidate shall be eligible for appearing at any of the Semesters Examination, fulfilling the following two essential conditions:		
	Minimum 75% attendance of lectures delivered.		
	Students should complete internal assessments.		
7.2	Credit based Evaluation		
	The credit based examination system will be followed for all Semester examinations. The course shall have a certain number of credits assigned to it depending upon the academic load of the course assessed on the basis of weekly contact hours of lecture, tutorial and laboratory classes, assignments or field study and/or self study.		
	Generally, the course shall have an integer number of credits reflecting its weight. The		
	7.1		

number of credits of a course in a semester shall ordinarily be calculated as under:

	7.2.1	Lecture (L) / Tutorial (T): One lecture hour per wee credit. One hour of tutorial per week shall be assign the credits of a theory course, lectures and tutorial	ned one credit. For determining		
	7.2.2	Practical (P): Three laboratory hours per week shall Courses other than Lectures/Tutorials shall be trea course credits shall be given as L-T-P. For example, 3-1-0 will mean that it is a lecture bas tutorial, and no practical assigned to it. Similarly, a course with 0-0-3 means that it is a pra practical work. Credits will be assigned to seminar, dissertation, procomponent.	ted as practical courses. The sed course and has 3 lectures, 1 ctical course with 3 hours of		
		The 4-year course of study will have subjects cover	ring a total of 180 credits		
		In general, examinations on theoretical papers will while CORE papers consisting of 2 modules, exami each module having 2 credits per module.			
		The laboratory/practical papers will carry 50 marks of 2/1.5 Credits.			
		Credit points of theoretical and practical papers in General Viva Voce, plant training, seminar present Department are given in Course Structures separate components of examinations of theoretical papers (i) Internal assessment 30% and (ii) End Semester examination 70%	ation etc., offered by tely. There will be two		
7.3	The Inter	nal assessment components of theory papers a	re:		
	SI. No.	Type of Evaluation	Marks		
	1	Internal Assessments through Class Test/ Assignments	25 / 10		
	2	Overall conduct, attendance, manners, skills	05		
7.4		Evaluation in Laboratory/ practical papers:			
	SI. No.	Type of Evaluation	Marks		
	1	Report and results	20		
	2	Viva Voce	20		
	3	Overall conduct, attendance, manners, skills	10		



7.5	Validity	Validity of Students Enrollments / Registration:			
	7.5.2	A student admitted in 1st semester of B. Tech. course will get total 6 consecutive academic years from his/her year of admission to pass in all the 8 semesters. A student admitted in 3rd semester of B. Tech. course will get total 5 consecutive academic years from his/her year of admission to pass in all the 6 semesters.			
	7.5.2	A student has to secure at least 50% marks i.e. Grade-D in all subjects individually in order to pass the examination.			
	7.5.3	If a student doesnot secure at least 50% marks or is absent in the end semester examination of theory subject, needs to appear in that paper in the examination of next academic session(s). In the case of theoretical paper, the marks of Sessional assessment would be retained.			
	7.5.4	A student will be eligible to take admission to the next immediate higher semester if the number of non-appeared paper in Theoretical examination does not exceed more than TWO. A student must have to appear in all the papers of the practical examination of the semester concerned.			
	7.5.5	If a student does not appear in more than two theoretical papers or any of the practical paper of the semester needs to take readmission in that semester of next academic season.			
	7.5.6	A student can appear in current semester and along with that could appear supplementary examination of maximum of 2 previous semesters of the corresponding even or odd semester. (For Example - A students has failed in a paper in 1st semester will get 2 additional chances in 3rd and 5th Semester).			
	7.5.7	Special supplementary examinations will be arranged only for Semester 7 and 8 just after the declaration of results of 7th and 8th Semester. Students who could not secure 50% marks in Special supplementary examination will have to appear in next academic session. (Provided maximum 6 years span for 4 Year B. Tech. and 5 Years span for 3 Years B. Tech. kept intact).			
	7.5.8	Eligibility for a Degree: A student needs to pass in all the theoretical and practical papers to qualify for B. Tech. Degree. 'Category 1' student has to pass all the theoretical and practical papers of 8-Semesters in maximum of 6 year periods from admission to obtain B. Tech. degree in corresponding course.			
		'Category 2' student has to pass all the theoretical and practical papers of 6- Semesters starting from 3rd Semester in maximum of 5 year periods to obtain B. Tech. degree in corresponding course.			
	7.5.9	student failing in any subject should apply to the Controller of Examination through the Head of the Department for appearing at the supplementary examinations within 7 days of the publication of results.			

8	Award o	Award of Grade & Grade Points				
	8.1	On the basis of total marks secured in each paper, Grade (G) and Grade Point (GP) shall be awarded to a student.				
		The equivalence between grades, grade points and the percentage marks is given by:				
		Percentage (%) of marks	Grade (G)	Grade Point (GP)		
		>= 90	Ex	10		
		89 - 80	A	9		
		79 - 70	В	8		
		69 - 60	С	7		
		59 - 50	D	6		
		< 50	F	0		
	8.2	Each paper shall carry Credit (C) a indicated in the following table:	according to the number	of hours allotted per week and as		
		Paper / Subject	No. of Hours / Week	Credit Assigned (C)		
		Theoretical	3	4		
		Tutorial	1	4		
		Practical	3/6	(2/3/4)		
	8.3	A student passes the subject/ cou	urse only when GP >= 5 ('l	D' grade or above)		
	8.4	The Semester Grade Point Average (SGPA) is calculated by dividing the sum of credit points secured from all subjects/ courses registered in a semester, by the total number of credits registered during that semester. SGPA is rounded off to two decimal places.				
	8.5	The Cumulative Grade Point Average (CGPA) is a measure of the overall cumulative performance of a student in all semesters considered for registration. The CGPA is the ratio of the total credit points secured by a student in all registered courses (of 160) in all semesters, and the total number of credits registered in all the semesters. CGPA is rounded off to two decimal places. CGPA is thus computed from the I year II semester onwards at the end of each semester.				
	8.6	Each theory and each practical paper will be assessed by internal examiner(s). Design, Project, seminar and General Viva Voce examinations will be assessed by a board consisting of at least two (2) internal examiners and at least one (1) external examiner.				
	8.7	If a candidate is unable to appear at any of the theory or practical examination(s), he/she will earn zero (0) credit in that paper(s).				

9	Decleration of results				
	9.1	Computation of SGPA and CGPA are done using the procedure			
		For final percentage of marks equivalent to the computed final CGPA, the following formula			
		may be used : [% of Marks = (final CGPA – 0.5) x 10]			



10	Award of Degree						
	10.1	A student who registers for all the specified subjects/ courses as listed in the course structure and secures the required number of 160 credits (with CGPA >= 5.0), within 8 academic years from the date of commencement of the first academic year, shall be declared to have 'Qualified' for the award of B.Tech. degree in the branch of Engineering selected at the time of admission.					
		A student with final CGPA (at the end of the undergraduate programme) > 8.00, and fulfilling the following conditions - shall be placed in 'First Class with Distinction'.					
	10.2	(i) He/She Should have passed all the subjects/courses in 'First Appearance' within the first 4 academic years (or 8 sequential semesters) from the date of commencement of first year first semester.					
		(ii) Should not have been detained or prevented from writing the semester end examinations in any semester due to shortage of attendance or any other reason.					
	10.3	A student not fulfilling any of the above conditions with final CGPA > 8 shall be placed in 'Firs Class'.					
	10.4	Students with final CGPA (at the end of the undergraduate programme) >= 7.0 but < 8.0 be placed in 'First Class'.					
	10.5	Students with final CGPA (at the end of the undergraduate programme) >= 6.00 but < 7.00, shall be placed in 'Second Class'.					
	10.6	undergraduate programme) >= 5.00 but < 6, shall be placed in 'Pass class'.					
	10.7	A student with final CGPA (at the end of the undergraduate programme) < 5.00 will not be eligible for the award of the degree and declared as FAILED					
	10.8	Session Gap: A student may be permitted to take one year break after completion of II Year or B. Tech. – III Year – (with university permission through the Registrar well in advance) and can re-enter the course in next Academic Year and complete the course on fulfilling all the academic credentials within a stipulated duration i.e. double the duration of the course (Ex. within 8 Years for 4-Year program).					

ADMISSION PROCEDURE: 11

As per guidelines of The Academic Council subject to the provisions of The Swami Vivekananda University Act, the Rules and the Statutes.

12 Fees: As notified by the University Authority from time to time

13	Provisions for Review :	
	13.1	A candidate may apply for Post-publication Review (PPR) of his/her answer-script(s) in the prescribed form and manner and a submission of fees prescribed for the purpose within the date as per notification to be issued by the Controller of Examinations at the time of publication of result. Such applications must be checked and verified by the Department(s) concerned with regard to the eligibility of the candidate(s) applying for review. All such applications must be forwarded by the Head of the Department of the Department concerned.



	13.2	There shall be no Post-publication Review of Practical Papers, Oral examinations and Project Work/Field Work, if any.
	13.3	Incomplete and faulty application is liable to be rejected without assigning any reason or without any intimation to the candidate (s) concerned.
	13.4	Under no circumstances fees for Post-publication Review once paid be refunded
	13.5	A student may apply for review of maximum two theoretical answer scripts in the prescribed form provided he/she has secured a minimum grade in theoretical part of all the courses separately not asked for review of the particular semester examination.
	13.6	Post-Publication Review (PPR) and Post-Publication Scrutiny (PPS) of the Same paper(s) in a Subject/Group of Subjects shall not be allowed.
		If the marks awarded by Post-Publication Review Examiner in a Paper do not exceed the original award by more than 20% of the full marks in that Paper, the Review examiner's award will be accepted as final marks in that Paper. If the increase of marks exceeds 20% of the full marks in that Paper, the answer script will be evaluated by a third examiner (external) and the final marks will be the average of the three examiners. However, if it is found that there was error in calculating total marks of the original award, the increase of marks to the full extent will be accepted as corrected original award of the candidate.
		If the marks awarded by Post-Publication Review Examiner in a Paper do not reduce the original award by more than 20% of the full marks in that Paper, the Review examiner's award will be accepted as final marks in that Paper. If the decrease of marks exceeds 20% of the full marks in that Paper, the answer script will be evaluated by a third examiner (external) and the final marks will be the average of the three examiners. However, if it is found that there was error in calculating total marks of the original award, the change of marks to the full extent will be accepted as corrected original award of the candidate. Any addition or subtraction of marks as declared by the University after Post-Publication Review shall be treated as final and shall be binding on the candidate. No further application for consideration of Post-Publication Review result shall be entertained. The decrease in marks will not be accepted if such reduction results the failure of a successful candidate who has secured already qualifying grade prior to review.

14	SCRUTINY OF ANSWER-SCRIPTS (PPS)	
	14.1	If the results of a candidate of Honours/Programme Course of any Part of His/her examination do not come under the purview of Post-Publication Review, he/she may apply for Post-Publication Scrutiny of his/her one or more answer-scripts irrespective of marks.
	14.2	"Post-Publication Scrutiny (PPS)" does not imply re-examination or re-assessment of scripts but involve verification of scripts and records to ascertain-
		Marks have been assigned to each of the required number of answers made by an examinee as per instruction printed on the question paper
		Totaling of marks awarded by the examiners on the scripts/marks-slips, as the case may be, has correctly been done.

15.1	PWD Candidates are provided extra time of 20 minutes for every hour of examinations subject to maximum limit of one hour as Compensatory time.
15.2	PWD Candidates are allowed the use of a scribe (amanuensis) who holds lesser qualification than the candidate. Scribe is allowed to candidates (i) who have disability in the upper limbs or have loss of finger /hands thereby preventing them from writing. (ii) who are blind or have impaired vision. (iii) who are dyslexic. (iv) who are autistic.
15.3	If a PWD candidate wants to avail compensatory time or scribe he/she must apply with all relevant documents to the Principal/TIC during form fill up of each part/semester examination and the same application be forwarded by the Principal/TIC to the Controller of Examinations in time.
15.4	If it is found that a candidate has used the service of a scribe and/or extra time but does not possess the extent of disability that warrants of use the service of a scribe and/or extra time, he/she will be excluded from the process of evaluation and legal action may be initiated by the authority in this regard.

16.1	The Centre-in-Charge of any University Examination held at a centre will, on his/her own or on the basis of reports received from the invigilator(s)/members of the visiting team as may be constituted by the Controller of Examinations and duly approved by the Vice-Chancellor expel a candidate from the examination hall debarring him/her from appearing in the examinations of the remaining subject(s)/paper(s), if the candidate is found copying or possessing any paper book or such other incriminating material(s) or smuggling written answer scripts/loose sheets from outside. On expulsion, he/she will be debarred from appearing at the rest part of the examination and his/her entire examination will be treated as cancelled.
16.2	Signature(s) of each of the expelled candidates may be obtained on the incriminating document(s) found in his/her possession and the same must be attached to the main answer script(s). if a candidate refuses to put his/her signature on the incriminating document(s) the invigilator(s)/members of the visiting team will certify the matter and the Centre-in-Charge will take immediate action as in regulation 17.1 on the basis of the certificate/report of the room invigilator(s)/members of the visiting team.

	16.3	If, however, in the judgment of the Centre-in-Charge, a candidate is found to have committed an offence of a more serious nature, e.g., impersonation, use of filthy languages, indisciplined behaviour, threatening the persons connected with the examination duties and such other activities inside and outside the examination hall/room, the Centre-in-Charge will expel the candidate debarring him/her from appearing in the examination(s) of the remaining subject(s)/paper(s) and send to the Controller of Examinations a list of such candidates along with their answer scripts and a detailed report on the circumstances leading to the action taken by the Centre-in-Charge in a separate packet for record and for placement before the Committee of Discipline for further action. In such cases as detailed in above paragraph the Committee of Discipline, duly constituted by the Vice-Chancellor may note the action, if already taken by the Centre-in-Charge, but will not lessen the penalty already given by the Centre-in-Charge. The Committee of Discipline, however, may recommend further penal action to be taken against such candidate(s). If the Centre-in-Charge, instead of taking any action against such a candidate, forward the case along with the detailed report the Committee of Discipline may take penal action as it may deem fit.
	16.4	When the Centre-in-Charge expels any offending candidate from the examination hall, as referred to in the rules above, the order/notification regarding such expulsion shall forthwith be circulated in all the examination halls by the Centre-in-Charge. Such order/notification shall provide that the offending candidate shall be debarred from appearing in the remaining subject(s)/paper(s). Such order/notification should be pasted on the Notice Board and a copy of the same along with the answer scripts and other documents are to be sent to the Controller of Examinations for subsequent issuance of order/notification including order of cancellation of the entire examination of the candidate(s), to the concerned department for its implementation.
	16.5	If the candidates are found to consult or talk with each other or change their scheduled seats or exchange answer-scripts/loose sheets etc. during an examination in spite of warnings by the Centre-in-Charge/room invigilator(s), the Centre-in-Charge shall report the matter in details to the University against the concerned candidates together with the relevant answer scripts for placement before the Committee of Discipline.
	16.6	An examiner may forward to the Controller of Examinations of the University subject to an explanatory report along with the relevant answer script(s) of the candidate(s) for placement of the same before the Committee of Discipline if, in his/her judgment, the candidate/candidates has/have adopted unfair means in answering questions
	16.7	If an examinee uses filthy languages against the Centre-in-Charge/Invigilators or Convener/Member(s) of the Visiting Teams or any person connected with the examination or resorts to indiscipline behaviour inside or outside the examination hall or undertakes any unfair means or violates the instructions for the examinees, the Centre-in-Charge may send his/her answer-script of that paper along with a report from the Invigilator(s) with his comment, if any. However, in such case, the examinee will be allowed to sit for the examination in the remaining paper(s)/subject(s).

16.8	Non-submission of scripts – If an examinee appears at the examination but does not submit his/her answer-script, the matter should be noted in the Attendance Sheet. A diary should be lodged on the day with the local police station. A report along with a copy of the said Diary and a statement from the Invigilator of the concerned examination hall must be sent by the Centre-in-Charge to the Controller of Examinations.
16.9	Torn scripts – In case of a script being willfully torn by a candidate, the fact should be noted in the Attendance Sheet(s) and a report should be sent by the Centre-in-Charge to the Controller of Examinations in a separate packet along with the torn script and a statement from the Invigilator of the concerned examination hall stating the circumstances leading to the incident.
16.10	Report on R.A. cases from any quarter should always be supported by documentary evidence or statement of the reporting concerned authority. Without such documentary evidence/statements disposal of the matter cannot be taken up.
16.11	On receipt of the report of malpractice in the examination, as referred to in above the University will direct the concerned candidate to appear before the Committee of Discipline and furnish an explanation in writing regarding the charges leveled against the candidate.
16.12	If the Committee of Discipline is satisfied that the charge/ charges leveled against any candidate in terms of above mention rules is/ are true, it may recommend any one or multiple of the following actions:- 1. Cancellation of examination of the candidate in the concerned paper 2. Cancellation of the entire examination of the candidate and if necessary also 3. Debarment of the candidate from appearing at the University examination for a specified period as it may deem fit according to the gravity of the offence(s) committed. If a candidate does not appear before the Committee of Discipline without assigning any reason, the Committee of Discipline may recommend any or all of the measure(s) as above, as it may deem fit, on the basis of available document(s) in absentia. 4. The Committee after giving due consideration to the report of the Centre-in-Charge and giving the candidate a hearing, if necessary, may recommend exoneration of a candidate from the charges leveled against him/her if in its judgment the candidate concerned is innocent.
16.13	The recommendations of the Committee of Discipline will need approval of the Vice-Chancellor before any action can be taken thereon. The Vice-Chancellor may, after considering the recommendations, pass such orders as he/she thinks fit. The Controller of Examinations will take action according to the recommendation of the Committee of Discipline, if approved by the Vice-Chancellor or as per orders of the Vice-Chancellor.

	16.14	All questions arising in relation to the interpretation of these regulations, shall be referred to the Academic Council for decision and the decision of the University Council will be final and binding.
	16.15	The Committee of Discipline (UG Examination) may be constituted with the following members 1) The Controller of Examinations (Convenor)
		2) The Registrar
		3) One member from the Governing Body
		4) One member from the Academic Council
		5) One member from the Faculty Council
		6) As many HOD's as the University may deem fit
		The tenure of this committee will be four years from the date of its constitution.

17 TERMINATION FROM THE PROGRAMME:

If a student newly admitted to the first semester remains absent from attending classes for more than the first 15 days continuously without any intimation, her/his admission will stand cancelled.

18 Discipline

Every student is required to observe discipline and decorous behavior both inside and outside the campus and refrain from any activity which may tarnish the image of the university. Any act of indiscipline, misbehavior including unfair practice in examinations will be referred to the authorities of the University that will make a detailed enquiry on the matter and decide on the course of action to be taken.

19 Amendment to Regulations

Notwithstanding all that has been stated above, the University has the right to modify any of the above regulations from time to time.

If any dispute arises in respect of interpretation of the regulations or any matter not covered by these, the decision of the Vice Chancellor in that respect shall be final and binding.