AMENDMENTS TO THE REGULATION 2022 (CBCS) FOR B.E. / B.Tech. DEGREE PROGRAMME OFFERED IN St.JOSEPH'S INSTITUTE OF TECHNOLOGY APPROVED BY THE 02nd ACADEMIC COUNCIL MEETING HELD ON 01.04.2023.

CLAUSE NO	Existing Regulations 2022	Proposed Amendments
4	STRUCTURE OF THE PROGRAMMES	4 STRUCTURE OF THE PROGRAMMES
4.1	Categorization of Courses	4.1 Categorization of Courses
V	Professional Elective Courses (PEC) include the elective courses relevant to the chosen specialization/branch.	V. Professional Elective Courses (PEC) include the elective courses relevant to the chosen specialization/branch. Professional Elective Courses are offered under verticals. (specialization groups).
VIII	Mandatory Courses (MC) / Audit Courses (AC) includes Personality and Character development and the courses recommended by the regulatory bodies such as University, AICTE, UGC, etc. The students can have an exposer to Unnat Bharath Abhiyan, Constitution of India, Essence of Indian Knowledge Traditional, Yoga, Value education, Pedagogy Studies, Stress Management and Personality Development through Life Enlightenment Skills.	VIII. Mandatory Courses (MC) include the courses such as languages, well being etc.
4.1.2.	Mandatory Two-Week Induction Programme	4.1.2. Mandatory Two-Week Induction Programme
o de	The students are expected to undergo a mandatory two week induction programme comprising of physical activity, creative arts, universal human values, proficiency modules, lectures by eminent people, visits to local areas and familiarization to department/branch & innovations immediately after admission, asper UGC/AICTE guidelines.	 Induction Programme is mandatory for the Students pursuing the Undergraduate Programme. List of students who have successfully completed the Induction Programme shall be certified by the Head of the Institution. The completion of the Induction Programme shall be printed in the Grade Sheet as "COMPLETED".
MITONOMOU	PAL E OF TECHNOLOGY S INSTITUTION) URAM ROAD,	In the case of students who have got

Audit courses

4.8. The student may optionally study audit courses prescribed by the Institution and it will be mentioned in the Grade Sheet. However, it will not be considered for computation of CGPA.

Advancement of Courses

The students, who completed their final semester courses (except project work) in advance, shall be permitted to carry out their final semester Project Work during the semester in an industry/research organization. These students shall undergo the eighth semester courses other than the Project Work in the sixth and seventh semesters, provided they do not have current arrears and have a CGPA of 7.50 and above at the end of Semester IV. The Head of Department, in consultation with the faculty handling the said courses shall forward the proposal recommended by the Head of Institution to the Controller of Examinations for approval at least 4 weeks before the commencement of the sixth semester of the programme.

admitted later and those who have not attended the Induction Programme at the time of joining the degree programme, it shall be conducted later and on completion, it shall be recorded in the grade sheet.

 No fee will be charged towards the conduct of the Induction Programme and for including in the STATEMENT OF GRADES for the successful completion of the Induction Programme.

4.8 Mandatory courses

The student shall study the mandatory courses prescribed by the Institution and it will be mentioned in the Grade Sheet. However, it will not be considered for computation of CGPA.

4.9 Dropped

4.9 B.E. / B. Tech. (Hons) Specialisation in the same discipline, B.E. / B. Tech.(Hons) and B.E. / B. Tech. minor in other specialisation.

- (i) B.E./B.Tech. Honours (specialisation in the same discipline):
 - The student should have earned additionally a minimum of 18 credits from a specified group of Professional Electives of the same programme.
 - Should have passed all the courses in the first attempt.
 - Should have earned a minimum of 7.50 CGPA.

(ii) B.E / B.Tech. Honours

 The students should have taken additional courses from more than one vertical of the same programme and

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earned a minimum of 18 credits.

- Should have passed all the courses in the first attempt.
- Should have earned a minimum of 7.50 CGPA.

iii) B.E./B.Tech. (minor in other specialisation)

1.The student should have earned additionally a minimum of 18 credits in any one of the verticals of other B.E/B.Tech programmes or from any one of the following verticals

Vertical I: Fintech And Block Chain

Vertical II: Entrepreneurship

Vertical III: Public Administration

Vertical IV: Business Data Analytics

Vertical V: Environment And Sustainability

- Out of these 18 credits students can earn a maximum of 6 credits in online mode (SWAYAM platform), as approved by Centre for Academic Courses.
- B.E./ B. Tech. (Hons) Specialisation in the same discipline, B.E. / B.Tech. Honors and B.E./B.Tech. minor in other specialisation degree will be optional for students.
- 4. For the categories 1 (i) to 1(ii), the students shall be permitted to register for the courses from the V Semester onwards provided the students has earned a minimum CGPA 7.50 of until III Semester and has cleared all the courses in the first attempt.
- 5. For the category 1 (iii), the students will be permitted to register the courses from Semester V onwards provided the marks earned by the students until Semester III is CGPA 7.50 and above.

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- 6. If a student decides not to opt for Honours. after completing certain number of additional courses. additional courses studied shall considered instead of the Professional Elective courses which are part of the curriculum. If the student has studied more number of such courses than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA. Remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.
- 7. If a student decides not to opt for Minor, after completing certain number of courses, the additional courses studied shall be considered instead of Open Elective courses which are part of the curriculum. If the student has studied more number of such courses than the number of open electives required as per the curriculum, the courses with higher grades shall be considered for calculation CGPA. of Remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

6.1 Registration of courses

A student has to earn the total number of credits specified in the curriculum of the respective programme of study in order to be bigible to obtain the degree. However, If student wishes, then the student is permitted to earn more than the total number of credits prescribed in the

6.1. Registration of courses

The institution is responsible for registration of the courses that each student is proposing to undergo in the ensuing semester. Each student has to register for all courses to be undergone in the curriculum of a particular semester (with the facility to drop courses to a maximum of 6

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curriculum of the student's programme within the minimum duration of the programme.

From the II to VIII semesters, the student has the option of registering for additional courses or dropping existing courses. The total number of credits that a student can add or drop is limited to 6 per semester, subject to a maximum of 2 courses.

The student shall register Project Work in VIII Semester. A Student can earn a maximum of 2 one credit courses per semester.

credits (vide clause 6.1)). The courses dropped in earlier semesters can be registered in the subsequent semesters when offered.

The registration details of the student shall be approved by the Head of the Institution and forwarded to the Controller of Examinations. This registration is for undergoing the course as well as for writing the End Semester Examinations.

The courses that a student registers in a particular semester may include

- i. Courses of the current semester.
- ii. Courses dropped in the lower semesters

The maximum number of credits that can be registered in a semester is 36. However, this does not include the number of Re-appearance

(U) and Withdrawal (WD) courses registered by the student for the appearance of Examination.

6.2 Choice of Professional Elective Courses

The professional Elective Courses are listed in the Curriculum in Table format as verticals (Specialisation groups). A student can choose all the Professional Elective Courses either from one of the verticals or a combination of courses from all verticals in a semester.

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SYSTEM OF EXAMINATION AND ASSESSMENT PROCEDURE

	Existing Ro	isting Regulations 2022 Proposed Amendments					
S.No	Category of Course	Continuous Internal Assessments	End-Semester Examinations	S.No	Category of Course	Continuous Internal Assessments	End-Semester Examinations
1.	Project Work	40 Marks	60 Marks	1	Project Work	60 Marks	40 Marks

10.1 ASSESSMENT FOR THEORY COURSES:

- Continuous Assessment is based on the performance of the Students in tests and tutorial or objective type tests. Two assessments of equal weightage will be conducted be the Controller of Examinations. The total marks obtained in the assessments put together shall be reduced to 40 marks and rounded off to the nearest.
- To arrive the Continuous Assessment Mark, the following guidelines are to be followed

s.No	Category Details	Marks
1	Assessment I	15
2	Assessment II	15
3	Employability online Test/Mini Projects/Scopus indexed publications/ online MCQs/ studies/Tutorials/ Innovative Projects idea generation/ Problem solving and Implementation.	10
	Total	40

- A minimum of two internal assessments will be conducted as a part of continuous assessment is to be conducted for 100 marks. The weighted average of two assessment marks (200 marks) shall be converted into 30 marks for internal assessment.
- ❖ The co-curricular performance / achievements of the student such as Employability online Test / Mini Projects / Scopus indexed publications / online MCQs / Case studies / Tutorials / Innovative Projects idea generation / Problem solving and Implementation etc. shall be considered for 10 marks of the internal assessment

S.NO	pry Details	Marks
1	Assessment I	
2	Assessment II	30
3	Employability online Test/Mini Projects/Scopus indexed publications/ online MCQs/ Case studies/Tutorials/ Innovative Projects idea generation/ Problem solving and Implementation.	10
	Total	40

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10.2

Assessment for Theory Courses with Laboratory Component

Assessment I (40% weightage) (Theory Component)		Assessment II (weightage) (Laboratory Com	Total	
Individual Assignment / Case Study / Seminar / Mini Project	Written Test	Evaluation of Laboratory Observation, Record	Test	Internal Assessment
40	60	75	25	200*

L	Т	P	С	Internal Assessment 1	Internal Assessment 2	End Semester Examinations
3	0	2	4	Theory (25%)	Laboratory (25%)	Theory (35%) Laboratory (15%)
2	0	4	4	Theory (25%)	Laboratory (25%)	Theory (15%) Laboratory (35%)

10.3

Assessment for Laboratory Courses

S. No	Description	Marks
1	Internal Assessment Average mark awarded for Design and conduct of experiments(20Marks), observation / coding / implementation (10 Marks), Results(10 Marks), Viva-Voce (10 Marks) and Record (10 Marks) in regular class works	60
2	End Semester Practical Examinations conducted by Internal Examiner appointed by Controller of Examinations.	40
Total		100

Internal Assessment	
Evaluation of Laboratory Observation, Record	Test
75	25

*Internal assessment shall be converted into 60 marks

S.NO	Description	Marks
1	Internal Assessment	60
3	End Semester Practical Examinations conducted by Internal Examiner appointed by Controller of Examinations.	40
	Total	100

10.4

Assessment for Project Work

10.4.1

The project work shall be evaluated for a maximum of 100 marks, of which continuous Assessment carry 40 marks (total) and the End Semester Examination (Project report evaluation and Viva – Voce Examination) carries 60 marks. The project report shall be submitted as per the approved guidelines. The evaluation of the project reports will carry 20 marks and the

10.4.1 The project work shall be evaluated for a maximum of 100 marks, of which continuous Assessment carry 60 marks (total) and the End Semester Examination (Project report evaluation and Viva – Voce Examination) carries 40 marks. The project report shall be submitted as per the approved guidelines. The evaluation of the project reports will carry 20 marks and the

project reports

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same mark shall be awarded to every student within the project group for the project report. The viva-voce examination shall carry 40 marks and marks are awarded to each student of the project group based on the individual performance in the viva-voce examination.

Continuous Assessment 40 Marks (By supervisor and Committee Members)			End Se	mester Exa	mination (50 Marks
Review I	Review II	Review III	Eval	t Report uation Marks	Viva –voce 40 Marks	
10 10		20	Internal	External	Internal	External
10	10 20		10	10	20	20

same mark shall be awarded to every student within the project group for the project report. The viva-voce examination shall carry 20 marks and marks are awarded to each student of the project group based on the individual performance in the viva-voce examination.

Continuous Assessment 60 Marks (By supervisor and Committee Members)			End Semester Ex	amination	40 Marks
Review I	Review II	Review III	Project Report Evaluation 20 Marks	Viva –voce 20 Marks	
10	25	25	External	Internal	External
10 25		25	20	10	10

12 AWARD OF LETTER GRADES

Relative Grading System – as per Anna University A relative grading procedure shall be followed for Theory and Theory with laboratory courses.

A fixed grading procedure shall be followed for Project work / Internship and Laboratory courses.

12.1 Relative Grading

For those students who have passed the (theory course course 1 laboratory integrated courses / theory integrated courses / all other EEC except laboratory course/ Project Work Courses), the relative grading shall be done. The marks of those students who have passed only shall be inputted in the software developed for relative grading. The evolved relative grading method normalizes the results data using the BOX-COX transformation method and computes the grade range for each course separately and awards the grade to each student. (theory course / laboratory integrated courses / theory integrated courses and all other EEC Courses). If the students' strength is greater than 30, the relative grading method shall be adopted.

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12.2 Absolute Grading

For all the courses, if the students' strength is less than or equal to 30 then the absolute grading shall be followed with the grade range as specified in the Table.

For the Project Work / Internship and Laboratory Courses absolute grading procedure shall be followed as given in the Table.

Table - Grade range for absolute grading

0	A+	A	B+	В	С	U
91 - 100	81 - 90	71 - 80	61 - 70	56 - 60	50 - 55	< 50

12.3 For the students who complete the Mandatory Course satisfying attendance requirement, the title of the Mandatory Course will be mentioned in the Grade Sheet.

Letter Grade	Grade Points
O (Outstanding	10
A+ (Excellent)	9
A (Very Good)	8
B+(Good)	7
B (Average)	6
C (Satisfactory)	5
U (Re-appearance)	0
SA (Shortage of Attendance)	0
WD (Withdrawal)	0

Letter Grade	Grade Points
O (Outstanding	10
A+ (Excellent)	9
A (Very Good)	8
B+(Good)	7
B (Average)	6
C (Satisfactory)	5
RA (Re-appearance)	0
SA (Shortage of Attendance)	0
WD (Withdrawal)	0

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15.1

15.1 FIRST CLASS WITH DISTINCTION:	A stude	15.1 FIRST CLASS WITH DISTINCTION: A student who satisfies the following conditions shall be declared to have passed the examination in First class with Distinction:									
• A student who satisfies the following conditions shall be declared to have passed the examination in First class with	Degree (i)	Duration of programme (ii)		Additional credits above the requirement of curriculum (iv)	CGPA (v)	Passin (vi)	Break of study (vii)	Prevention due to lack of attendance	semester		
Distinction: Should have passed the examination in all the courses of all the eight semesters and 6 semesters	B.E./B.Tech (Regular)	ı. 4 years	5 years	·	8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	1	Will not be considered as an attempt		
in the case of Lateral Entry in the student's First Appearance within five years and four years in the case of Lateral Entry.	B.E./8.Tech Lateral Entr	1 Rugare	4 years	-	8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)		Will not be considered as an attempt		
Withdrawal from examination will not be considered as an appearance.	B.E./8.Tech (Honours) Specialisatio in the same discipline	3/4/years (Lateral entry	entry,	18 credits from any one vertical of the same programme	8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)		Will not be considered as an attempt		
Should have secured a CGPA of not less than 8.50. One year authorized break of study (if availed of) is included in the five years and four years in the case of lateral entry for award of First class with Distinction.	B.E./8.Tech. (Honours)	3/4 years (Lateral entry, Regular, respectively)	4/5 years (Lateral entry, Regular, respectively)	18 credit from more than one verticals of the same programm	re e e e e e e e e e	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt		
Should NOT have been prevented from writing and semester examination due to lack of attendance in any	B.E./B.Tech. minor in other specialisation	3/4 years (Lateral entry, Regular, respectively)	4/5 years (Lateral entry, Regular, respectively)	18 credits from any one vertics of the othe programm	al 8.50 er	First attempt	One year authorised break of study included in the Duration permitted (iii)	Constitution of	Will not be considered as an attempt		

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	15.2 FIRST (A student w First class		ne following	conditions	shall be	declared	I to have pass	ed the exam	ination in
A student who satisfies the following conditions shall be declared to have passed the examination in First class: Should have passed the examination in all the courses of all eight semesters and 6 semesters in the case of Lateral Entry within five years and four years in the case of Lateral Entry.	Degree (i)	Duration of programme (ii)	Duration permitted (iii)	Additional credits (iv)	CGPA (v)	Pass in (vi)	Break of study (vii)	Prevention due to lack of attendance	Withdrawal from writing end semester examination (viii)
	B.E./B.Tech. (Regular)	4 years	5 years	-	6.50	-	One year authorised break of study included in the Duration permitted (iii)	Included in the Duration permitted (iii)	
	B.E./8.Tech. Lateral Entry	3 years	4 years	-	6.50		One year authorised break of study included in the Duration permitted (iii)	Included in the Duration permitted (iii)	8 .

	B.E./B.Tech. (Honours) Specialisation in the same discipline	3/4 (Lateral entry, Regular, respectively)	4/5 years (Lateral entry, Regular, respectively)	18 credits from any one vertical of the same programme	7.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
One year authorized break of study (if availed of) or prevention from writing the End Semester examination due to lack of attendance (if applicable) is included in the duration of five years and four years in the case of lateral entry for award of First class. Should have secured a CGPA of not less than 6.50.	B.E./B.Tech. (Honours)	3/4 years (Lateral entry, Regular, respectively)	4/5 years (Lateral entry, Regular, respectively)	18 credits from more than one verticals of the same programme	7.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
PAL E OF TECHNOLOGY	B.E./B.Tech. minor in other specialisation	3/4 years (Lateral entry, Regular, respectively)	4/5 years (Lateral entry, Regular, respectively)	18 credits from any one vertical of the other programme	6.50	-	One year authorised break of study included in the Duration permitted (iii)	Included in the Duration permitted (iii)	ile e

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15.3 SECOND CLASS

15.3 All other students (not covered in clauses 15.1 and 15.2) who qualify for the award of the degree shall be declared to have passed the examination in Second Class.

15.3 B.E./B.Tech. Regular, sandwich and lateral entry and B.E./B.Tech. minor in other specialisation degree students (not covered in clauses 15.1 and 15.2) who qualify for the award of the degree shall be declared to have passed the examination in **Second Class**.

15.4 Student earned additional 18 credits as per Clause 4.9 (i) and (ii) but does not satisfy the conditions mentioned in 15.1 or 15.2 shall not be awarded B.E./B.Tech. Honours. In such cases the mark sheet will show the additional courses studied and those courses shall not be considered for CGPA computation. In such case if the student becomes eligible for First Class, while computing CGPA without taking into account the additional course studied, the student shall be awarded B.E. / B.Tech. in First Class only (or) student may opt to consider these additional courses as per Clause 4.9 (6,7).

Implementation of skill enhancement training (Nalaya-Thiran) as per DOTE and Anna University Guidelines.

Seeking Permission for introducing Nan-Mudhalvan courses as per the directions of DOTE and Anna University (in case of instructions from DOTE and Anna University).





Introduction of Tamil Courses

S.NO	Course	Batch 2022 - 2023	Batch 2022 – 2023 Onwards	Credit
		Semester	Semester	
1	தமிழர் மரபு / Heritage of Tamils	п	I	1
2	தமிழரும் தொழில்நுட்பமும் / Tamils and Technology	ш	п	1

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