RN SHETTY TRUST®

RNS INSTITUTE OF TECHNOLOGY

Autonomous Institution Affiliated to VTU, Recognized by GOK, Approved by AICTE
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The Autonomous Regulations Committee, after series of deliberations has recommended following amendments in the UG Regulations (24RNBE), applicable to 2024–25 and 2025-26 batches.

Definitions	
Previous	**Modified/Added**
-	**IQAC:** Internal Quality Assurance Cell set-up by the Institution in accordance with the UGC regulations made by the Commission, as amended from time to time.
Supplementary Semester: Refers to a special academic session of six to eight weeks exclusively conducted to enable vertical progression of slow learners/repeaters to the higher academic year in the program.	**Supplementary Semester renamed as Summer Semester.** **Summer Semester:** A short semester held after the Even semester. Regular courses shall be offered during the summer semester in a fast-track mode to enable students to complete backlog courses or to do additional courses. The Institution shall decide on the courses to be offered in this semester depending on the availability of faculty and the number of students. During the summer semester, Internship/ Apprenticeship/ Work-based vocational education and training can be carried out, especially by students who wish to exit after two semesters or four semesters of study.
Grade Card: Refers to the certificate showing the Grades earned by a student. A Grade Card shall be issued to all the registered students after every SEE. The Grade Card shall have the details of the programme, such as course code, title, number of credits, grades secured, along with SGPA of that semester and CGPA (except for the first semester), earned till that semester. **Grade Certificate:** The Grade Certificate has the same format as Grade Card but indicates the month and year of clearing a course and is issued to a student on demand only.	**Grade Card:** Refers to the certificate showing the Grades earned by a student. A Grade Card shall be issued to all the registered students after every SEE. The Grade Card shall have the details of the programme, such as month and year of that semester, course code, title, number of credits, grades secured, along with SGPA of that semester, CGPA (except for the first semester) earned till that semester.
Transcript: Transcript is the consolidated statement of the academic performance of a student for all the semesters since joining the programme and is generally issued on request to a student, after successful completion of the programme.	**Transcript:** Transcript is the consolidated statement of the academic performance of a student for all the semesters since joining the programme, including the number of attempts made for each course and its month-year of completion. This is generally issued on request to a student, after successful completion of the programme.
Summer Semester	
Previous	**Modified/Added**
24RNBE 3.8. Supplementary/Fast-track Semester	**24RNBE 3.8. Summer Semester** All "Supplementary Semester/ Fast-track Semester" words are replaced by "Summer Semester" in sub-section 24RNBE 3.8. In other places, if "Supplementary Semester/ Fast-track

	Semester" words are found, they are to be interpreted as Summer semester.
24RNBE 3.8, clause no. 7: A student can register for a maximum of 16 credits in the supplementary semester.	24RNBE 3.8, clause no. 7: A student can register for a maximum of **14 credits** in the Summer semester.

Assessment and Evaluation Procedure

Previous	Modified/Added
24RNBE 4.2, clause no. 3: To assess the students in a course under IAT component, three tests shall be conducted in a semester. Each test shall be conducted for 50 marks. The average marks of all the tests is scaled to a maximum of 30 marks, which is then referred to as IAT marks.	24RNBE 4.2, clause no. 3: To assess the students in a course under IAT component, **two** tests shall be conducted in a semester. Each test shall be conducted for 50 marks. The average marks of all the tests is scaled to a maximum of 30 marks, which is then referred to as IAT marks.
24RNBE 4.2, clause no. 5: The student shall obtain a minimum of 40% of IAT (A) and a minimum of 40% of CCE (B) leading to a minimum of 40% of the allotted CIE marks of the respective course (i.e., A + B) to be eligible to appear for the SEE in that course.	24RNBE 4.2, clause no. 5: The student shall obtain a minimum of 40% of the allotted CIE marks for a theory course to be eligible to appear for the SEE in that course.

Credit Representation

Previous

Table 1: Credit Values [Page No. 6]				
Theory/Lectures (L) (hours/week/sem)	Tutorials (T) (hours/week/sem)	Laboratory/Practical (P) (hours/week/sem)	Credits (L: T: P)	Total Credits
4	0	0	4:0:0	4
3	0	2	3:0:1	4
2	2	2	2:1:1	4
3	0	0	3:0:0	3
2	2	0	2:1:0	3
2	0	2	2:0:1	3
0	0	6	0:0:3	3
2	0	0	2:0:0	2
1	0	0	1:0:0	1
0	0	2	0:0:1	1

Modified (as per NBA guidelines)

Credits	Lecture (L) In hrs	Tutorial (T) In hrs	Practical (P) in hrs	Term work and Self-Learning (TW+SL) in hrs/Semester	Average hrs/week	Hrs/Semester (15 weeks/Semester)
4 (IPCC)	3	0	2	45	8	120
4	3	2	0	45	8	120
3	3	0	0	45	6	90
3 (IPCC)	2	0	2	30	6	90
2	2	0	0	30	4	60
1	1	0	0	15	2	30

TW: Term Work (includes assignments, seminars, microprojects, industrial visits, any other student activities, etc).
SL: Self Learning, MOOCs, spoken tutorials, online educational resources, etc. (If provided in curriculum structure).

Curriculum Framework

Previous

SI.No.	Category	Credits	% of total credits
Table 5: Credit Break-up for a Programme [Page No. 16]		
1	HS and AE-Humanities and Social Sciences, and Ability Enhancement	17	10.63
2	BSC-Basic Science courses	23	12.50
3	ESC-Engineering Science courses	18	11.25
4	PCC-Professional Core courses	55	36.25
5	PEC-Professional Elective courses	12	07.50
6	OEC-Open Elective courses	15	09.37
7	PW, MP and IS-Project Work, Mini Project work and Internship	20	12.50
8	Mandatory Courses	Non-Credit	00.00
	Total	160	100.00

*Minor variations are allowed as per the need of respective discipline

Modified

SI.No.	Category	Credits	% of total credits
Table 5: Credit Break-up for a Programme		
1	HS and AE-Humanities and Social Sciences, and Ability Enhancement	16	10.00
2	BSC-Basic Science courses	20	12.50
3	ESC-Engineering Science courses	21	13.13
4	PCC-Professional Core courses	59	36.87
5	PEC-Professional Elective courses	12	07.50
6	OEC-Open Elective courses	12	07.50
7	PW, MP and IS-Project Work, Mini Project work and Internship	20	12.50
8	Mandatory Courses	Non-Credit	00.00
	Total	160	100.00

*Minor variations are allowed as per the need of respective discipline

Previous

4-Credit Lab Integrated Theory Courses (IPCC)

Assessment Type	Maximum Marks	Minimum Passing Marks	Evaluation Details
CIE- IA Tests (A)	20	8	Average of Three Internal Assessment Tests each of 50 marks, scaled down to 20 marks.
Continuous and Comprehensive Evaluation (B)	10	4	Any one Assessment methods as per 24RNBE4.2 scaled to 10 marks.
Total CIE Theory (A+B)	**30**	**12**	**Marks of Tests and Assignments awarded for a maximum of 30.**
CIE Practical	12	5	Marks awarded for Weekly Conduction of Experiments and Submission of Laboratory records, scaled to 12 marks.
CIE Practical Test	8	3	Average of marks of Two tests, each conducted for 100 marks covering all experiments, scaled to 8.
Total CIE Practical (C)	**20**	**8**	**Marks of Experiments, Record and Test awarded for a maximum of 20 marks.**
CIE: Theory + Practical (A + B + C)	50	20	CIE Evaluation is done for a maximum of 50 marks.
SEE (D)	50	18	SEE is a theory exam, conducted for 100 marks and scaled down to 50 marks. Exam duration shall be for 3 hours.
CIE+SEE (A+B+C+D)	100	40	**Final marks shall be the sum of marks scored in Components A, B, C and D**

- The minimum marks to be secured in CIE is 20 out of allotted 50 marks to appear for SEE, with minimum 40 % scored in every component of CIE. The laboratory component of the IPCC shall be for CIE only. However, in SEE, the questions from the laboratory component shall be included in their respective modules only.

2, 3 and 4-Credit Theory Courses

Assessment Type	Maximum Marks	Minimum Passing Marks	Evaluation Details
CIE – IA Tests (A)	30	12	Average of Three Internal Assessment Tests each of 50 marks, scaled down to 30 marks.
Continuous and Comprehensive Evaluation (B)	20	8	Any two Assessment methods as per 24RNBE4.2 (*if it is project based, one assignment shall be given), scaled to 20 marks.
Total CIE (A+B)	50	20	CIE Evaluation is done for a maximum of 50 marks
SEE (C)	50	18	SEE is a theory exam conducted for 100 marks and scaled down to 50 marks. Exam duration shall be 3 hours.
CIE + SEE (A+B+C)	100	40	Final marks shall be the sum of marks scored in Components A, B and C.

- The minimum marks to be secured in CIE is 20 out of allotted 50 marks to appear for SEE, with minimum 40 % scored in every component of CIE.
- If any courses of 3 credits are of Integrated Course type, for such courses the method suggested for 4 credits IPCC shall be followed.

1-Credit Lab Course

Assessment Type	Maximum Marks	Minimum Passing Marks	Evaluation Details
CIE Practical (A)	30	12	Marks awarded for Weekly Conduction of Experiments and Submission of Laboratory records, scaled to 30 marks.
CIE Practical Test (B)	20	8	Average of marks of Two tests, each conducted for 100 marks covering all experiments, scaled to 20.
Total CIE Practical (A+B)	50	20	Sum of Marks of Experiments, Record and Test shall be CIE marks awarded for a maximum of 50.
SEE (C)	50	20	SEE is a lab exam, conducted for 100 marks and scaled down to 50 marks. Exam duration shall be 3 hours.
CIE + SEE (A+B+C)	100	40	Final marks shall be the sum of marks scored in Components A, B and C.

- The minimum marks to be secured in CIE is 20 out of allotted 50 marks to appear for SEE, with minimum 40 % scored in every component of CIE.

1-Credit Theory Course

Assessment Type	Maximum Marks	Minimum Passing Marks	Evaluation Details
CIE - IA Tests (A)	30	12	Average of Three Internal Assessment Tests (MCQs) each conducted for 30 marks.
Continuous and Comprehensive Evaluation (B)	20	8	Any two Assessment methods as per 24RNBE4.2, scaled to 20 marks.
Total CIE (A+B)	50	20	CIE Evaluation is done for a maximum of 50 marks.
SEE (C)	50	18	**Question papers having 50 MCQs with each question carrying 01 mark, and Exam duration shall be for 2 hours.**
CIE + SEE (A+B+C)	100	40	Final marks shall be the sum of marks scored in Components **A, B and C.**

- The minimum marks to be secured in CIE is 20 out of allotted 50 marks to appear for SEE, with minimum 40 % scored in every component of CIE.

Modified

4-Credit Lab Integrated Theory Courses (IPCC)

Assessment Type	Maximum Marks	Minimum Passing Marks	Evaluation Details
CIE- IA Tests (A)	20	-	Two tests each of 50 marks shall be conducted. Average of Two Internal Assessment Tests shall be scaled down to 20 marks.
Continuous and Comprehensive Evaluation (B)	10	-	Any one Assessment methods as per 24RNBE4.2 scaled to 10 marks.
Total CIE Theory (A+B)	30	12	**Marks of Tests and Assignments awarded for a maximum of 30.**
CIE Practical	12	-	Marks awarded for Weekly Conduction of Experiments and Submission of Laboratory records, scaled to 12 marks.
CIE Practical Test	8	-	Average of marks of Two tests, each conducted for 100 marks covering all experiments, scaled to 8.
Total CIE Practical (C)	20	8	**Marks of Experiments, Record and Test awarded for a maximum of 20 marks.**
CIE: Theory + Practical (A + B + C)	50	20	CIE Evaluation is done for a maximum of 50 marks.
SEE (D)	50	18	SEE is a theory exam, conducted for 100 marks and scaled down to 50 marks. Exam duration shall be 3 hours.
CIE+SEE (A+B+C+D)	100	40	Final marks shall be the sum of marks scored in Components A, B, C and D

- The minimum marks to be secured in CIE is 20 (40%) out of allotted 50 marks to appear for SEE. The laboratory component of the IPCC shall be for CIE only. However, in SEE, the questions from the laboratory component shall be included in their respective modules only.

2, 3 and 4-Credit Theory Courses

Assessment Type	Maximum Marks	Minimum Passing Marks	Evaluation Details
CIE – IA Tests (A)	30	-	Two tests each of 50 marks shall be conducted. Average of Two Internal Assessment Tests shall be scaled down to 30 marks.
Continuous and Comprehensive Evaluation (B)	20	-	Any two Assessment methods as per 24RNBE4.2 (*if it is project based, one assignment shall be given), scaled to 20 marks.
Total CIE (A+B)	50	20	CIE Evaluation is done for a maximum of 50 marks
SEE (C)	50	18	SEE is a theory exam conducted for 100 marks and scaled down to 50 marks. Exam duration shall be 3 hours.
CIE + SEE (A+B+C)	100	40	Final marks shall be the sum of marks scored in Components A, B and C.

- The minimum marks to be secured in CIE is 20 (40%) out of allotted 50 marks to appear for SEE.
- **If any courses of 3 credits are of Integrated Course type, for such courses the method suggested for 4 credits IPCC shall be followed.**

1-Credit Lab Course

Assessment Type	Maximum Marks	Minimum Passing Marks	Evaluation Details
CIE Practical (A)	30	-	Marks awarded for Weekly Conduction of Experiments and Submission of Laboratory records, scaled to 30 marks.
CIE Practical Test (B)	20	-	Average of marks of Two tests, each conducted for 100 marks covering all experiments, scaled to 20.
Total CIE Practical (A+B)	50	20	Sum of Marks of Experiments, Record and Test shall be CIE marks awarded for a maximum of 50.
SEE (C)	50	20	SEE is a lab exam, conducted for 100 marks and scaled down to 50 marks. Exam duration shall be 3 hours.
CIE + SEE (A+B+C)	100	40	Final marks shall be the sum of marks scored in Components A, B and C.

- The minimum marks to be secured in CIE is 20 (40%) out of allotted 50 marks to appear for SEE.

1 and 2-Credit Theory Courses (MCQs for assessment)

Assessment Type	Maximum Marks	Minimum Passing Marks	Evaluation Details
CIE - IA Tests (A)	30	-	Average of Two Internal Assessment Tests (MCQs) each conducted for 30 marks.
Continuous and Comprehensive Evaluation (B)	20	-	Any two Assessment methods as per 24RNBE4.2, scaled to 20 marks.
Total CIE (A+B)	50	20	CIE Evaluation is done for a maximum of 50 marks.
SEE (C)	50	18	Question papers having 50 MCQs with each question carrying 01 mark, and Exam duration shall be for 2 hours.
CIE + SEE (A+B+C)	100	40	Final marks shall be the sum of marks scored in Components **A, B and C.**

Zero-credit NCMC courses (MCQs for assessment)

Assessment Type	Maximum Marks	Minimum Passing Marks	Evaluation Details
CIE - IA Tests (A)	60	-	Sum of Two Internal Assessment Tests (MCQs) each conducted for 30 marks.
Continuous and Comprehensive Evaluation (B)	40	-	Any two Assessment methods as per 24RNBE4.2, scaled to 40 marks.
Total CIE (A+B)	100	40	CIE Evaluation is done for a maximum of 100 marks.

- The minimum marks to be secured in CIE is 40 (40%) out of allotted 100 marks to Pass .

NOTE:

If a student fails to attend the IAT on the scheduled date, due to valid reasons specified under clause 24RNBE 3.7, an additional test at the end of the semester would be conducted covering the syllabus of that test for which he was absent.

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