

 शिवाजी विद्यापीठ कोल्हापूर जन्मसिंहासनात् Estd. 1962 “A++” Accredited by NAAC (2021) With CGPA 3.52	SHIVAJI UNIVERSITY, KOLHAPUR 416 004, MAHARASHTRA PHONE : EPABX – 2609000, BOS Section – 0231-2609094, 2609487 Web : www.unishivaji.ac.in Email: bos@unishivaji.ac.in शिवाजी विद्यापीठ, कोल्हापूर ४१६ ००४, महाराष्ट्र दूरध्वनी - इपीबीएक्स - २०६०९०००, अभ्यासमंडळे विभाग : ०२३१- २६०९०९४. २६०९४८७ वेबसाईट : www.unishivaji.ac.in ईमेल : bos@unishivaji.ac.in		
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जा.क्र./शि.वि/अं.म./ 608

दिनांक:— ०७/१०/२०२५

प्रति,

मा. संचालक / प्राचार्य,
सर्व संलग्नीत अभियांत्रिकी महाविद्यालये,
शिवाजी विद्यापीठ, कोल्हापूर

विषय:— राष्ट्रीय शैक्षणिक धोरण—२०२० नुसार बी. टेक अभ्यासक्रमाच्या
नियमावलीबाबत.

संदर्भ:— १. आपले जा.क्र./शि.वि/अं.म./४८९ दि.२७/०८/२०२४ रोजीचे पत्र
२. आपले जा.क्र./शि.वि/अं.म./५४८ दि.११/०९/२०२५ रोजीचे पत्र

महोदय,

उपरोक्त संदर्भित विषयास अनुसरून आपणास आदेशान्वये कळविण्यात येते की, राष्ट्रीय शैक्षणिक धोरण—२०२० नुसार लागू करण्यात आलेल्या अभियांत्रिकी संलग्नीत महाविद्यालयामधील बी.टेक अभ्यासक्रमाच्या सुधारीत नियमावलीस विद्यापीठ अधिकार मंडळाने मंजूरी दिली आहे. सोबत सदर नियमावलीची प्रत जोडली आहे.

सदरची नियमावली विद्यापीठाच्या <https://www.unishivaji.ac.in,NEP-2020@suk> (Online Syllabus) या संकेस्थळावर उपलब्ध आहे. सदर नियमावली सर्व संबंधितांच्या निदर्शनास आणावी.

कळावे.

आपला विश्वासू,

(डॉ. एस. एम. कुबल)
उपकुलसचिव

प्रत :- माहितीसाठी व पुढील योग्यत्या कार्यवाहीसाठी

प्र. अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा	पात्रता विभागास
अध्यक्ष, सर्व अभियांत्रिकी अभ्यास व अस्थायी मंडळ	पीजी प्रवेश विभागास
संचालक, परीक्षा व मुल्यमापन मंडळ	पीजी सेमिनार विभागास
परीक्षक नियुक्ती ए व बी विभागास.	संलग्नता टी. १ व टी. २ विभागास
इतर परीक्षा ४ विभागास.	आय.क्यु.ए.सी विभाग
संगणक केंद्र / आयटी सेल	

SHIVAJI UNIVERSITY, KOLHAPUR
Bachelor of Technology (B. Tech.) Programme
Under Faculty of Science & Technology (NEP 2020)
Rules and Regulations

(To be implemented from the academic year **2025-26**)

Sr. No.	Rules and Regulations						
R. R. B. Tech. 1	Definition of Credit <table border="1" data-bbox="659 646 1255 816"> <tr> <td>1 Hr. Lecture (L) per week</td><td>1 Credit</td></tr> <tr> <td>1 Hr. Tutorial (T) per week</td><td>1 Credit</td></tr> <tr> <td>2 Hr. Practical(Lab) per week</td><td>1 Credit</td></tr> </table> The teaching and examinations scheme shall be according to the structure and syllabi prescribed, course to such revision, modification, etc. made from time to time.	1 Hr. Lecture (L) per week	1 Credit	1 Hr. Tutorial (T) per week	1 Credit	2 Hr. Practical(Lab) per week	1 Credit
1 Hr. Lecture (L) per week	1 Credit						
1 Hr. Tutorial (T) per week	1 Credit						
2 Hr. Practical(Lab) per week	1 Credit						
R. R. B. Tech. 2	In first year of B. Tech course, there are two academic groups in each semester, namely 1. Engineering Physics Group and 2. Engineering Chemistry Group Allotment of groups to students: a) Semester I: Approximately 50% programme from each college will be admitted to Engineering Physics Group and remaining will be admitted to Engineering Chemistry Group. The concerned college will decide the number and names of the students to be admitted in Engineering Physics and Engineering Chemistry Groups and inform the same to the Shivaji University, Kolhapur. b) Semester II: The students for Engineering Physics Group in semester-I will be admitted to Engineering Chemistry Group in semester-II. The students for Engineering Chemistry Group in semester-I will be admitted to Engineering Physics Group in semester-II.						
R. R. B. Tech. 3	The result of four year B. Tech. programme will be declared semester wise. The examination will be conducted semester wise and will be consisting of either/ all of the following (As prescribed in the structure) : 1. Theory paper will be for Midterm Test (MT) and End Semester Examination						

	(ESE) for theory courses. 2. In examination scheme, Internal Evaluation (IE) includes Midterm Test (MT) and Continuous Assessment (CA), and End Semester Examination (ESE) for theory courses. 3. In examination scheme, End Semester Examination (ESE) includes Practical and Oral Examination or Oral Examination for laboratory courses. 4. In examination scheme, IE includes only Continuous Assessment for laboratory courses.																																																															
R. R. B. Tech. 4	Assessment method: 1. Each course is of 6 units with few exceptional courses. 2. The weightage of IE shall be 40% [MT 10% and CA 30%] and of ESE shall be 60%. The nature of IE is mentioned in the following table Theory Internal Evaluation [40%] <table><tr><th rowspan="2">Year</th><th rowspan="2">Semester</th><th rowspan="2">Internal Evaluation</th><th colspan="2">Marks</th></tr><tr><th>40 Marks</th><th>20 Marks</th></tr><tr><td rowspan="4">First Year</td><td rowspan="4">I & II</td><td>1) Home Assignment / Essay Writing</td><td>10</td><td>5</td></tr><tr><td>2) Class Assignment (Tutorial Type) / Open book test</td><td>10</td><td>5</td></tr><tr><td>3) Quiz / MCQ's Test</td><td>10</td><td>5</td></tr><tr><td>4) Midterm Test</td><td>10</td><td>5</td></tr><tr><td rowspan="4">Second Year</td><td rowspan="4">III & IV</td><td>1) Oral Examination / VIVA's/ Interviews</td><td>10</td><td>5</td></tr><tr><td>2) Group Discussion / Debate/ Brainstorming</td><td>10</td><td>5</td></tr><tr><td>3) Seminar /Oral Presentation/ Demonstration</td><td>10</td><td>5</td></tr><tr><td>4) Midterm Test</td><td>10</td><td>5</td></tr><tr><td rowspan="4">Third Year</td><td rowspan="4">V & VI</td><td>1) Case study / Simulation / Model Preparation & Presentation (Theory Syllabus)</td><td>10</td><td>5</td></tr><tr><td>2) Field Work / Survey/ Technical Documentary videos</td><td>10</td><td>5</td></tr><tr><td>3) Book review / Poster Presentation / Infographics</td><td>10</td><td>5</td></tr><tr><td>4) Midterm Test</td><td>10</td><td>5</td></tr><tr><td rowspan="4">Final Year</td><td rowspan="4">VII & VIII</td><td>1) Seminar /Oral Presentation/ Demonstration</td><td>10</td><td>5</td></tr><tr><td>2) Case study / Problem solving (Real World) /Simulation / Programming Project</td><td>10</td><td>5</td></tr><tr><td>3) Book review / Poster Presentation / Review Paper Presentation</td><td>10</td><td>5</td></tr><tr><td>4) Midterm Test</td><td>10</td><td>5</td></tr></table>	Year	Semester	Internal Evaluation	Marks		40 Marks	20 Marks	First Year	I & II	1) Home Assignment / Essay Writing	10	5	2) Class Assignment (Tutorial Type) / Open book test	10	5	3) Quiz / MCQ's Test	10	5	4) Midterm Test	10	5	Second Year	III & IV	1) Oral Examination / VIVA's/ Interviews	10	5	2) Group Discussion / Debate/ Brainstorming	10	5	3) Seminar /Oral Presentation/ Demonstration	10	5	4) Midterm Test	10	5	Third Year	V & VI	1) Case study / Simulation / Model Preparation & Presentation (Theory Syllabus)	10	5	2) Field Work / Survey/ Technical Documentary videos	10	5	3) Book review / Poster Presentation / Infographics	10	5	4) Midterm Test	10	5	Final Year	VII & VIII	1) Seminar /Oral Presentation/ Demonstration	10	5	2) Case study / Problem solving (Real World) /Simulation / Programming Project	10	5	3) Book review / Poster Presentation / Review Paper Presentation	10	5	4) Midterm Test	10	5
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Practical Internal Evaluation (Continuous Assessment)

Nature of Internal Evaluation (IE) Laboratory Work Evaluation: Table

Year	Semester	Assessment Description	Max Marks	
First Year to Final Year	I to VIII	Assessment of Journal / Laboratory Experiments Journal Writing / Performance in Lab	10	20
		Assessment of Regular Notebook /Survey report about Lab Course / Interview related to Lab Course / Oral based on Lab Course / Individual Industrial Visit of Lab Course	05	10
		Seminar Based on Laboratory Work / Demonstration Based on Laboratory Work / Implementation on Lab Safety & Discipline / Lab Experiment Model Preparation	05	10
		Minimum Two Tests Based on Laboratory Work / Laboratory based Questionnaire Preparation	05	10
Total Maximum Marks			25	50

Nature of Internal Evaluation (IE) Seminar Work Evaluation: Table

Year	Semester	Assessment Description	Max Marks	
First Year to Final Year	I to VIII	Relevance & Selection of Topic / Justification about Topic Selection	05	10
		Technical Content & Depth / Accuracy & Depth of Information	05	10
		Presentation & Communication Skills / Effective use of Visual Aids / Use of Modern Tools/Technology (e.g., Referencing, PPT Design, Technical Software).	05	10
		Response to Questions on Topic regarding Innovative Ideas, Recent Advancements & Future Scope.	05	10
		Report/Documentation / Organization & Clarity of Report	05	10
Total Maximum Marks			25	50

Nature of Internal Evaluation (IE) for Industrial Training: Table

Year	Semester	Assessment Description	Max marks	
First Year to Final Year	I to VIII	Relevance of Training & Objectives / Appropriateness of Training Objectives	05	10
		Technical Knowledge & Skills acquired / (Depth of Explanation / Analysis / Application)	05	10
		Work Involvement & Contribution / Feedback from Industry Personnel	05	10
		Training Report / Documentation / Organization & Clarity of Report	05	10
		Presentation & Viva-Voce / Oral Presentation & Question–Answer Session	05	10
Total Maximum Marks			25	50

Nature of Internal Evaluation (IE) for Dissertation Phase-I and Dissertation Phase-II: Table

Year	Semester	Assessment Description	Max Marks		
Final Year	VII to VIII	Problem Definition & Objectives / Clarity of Research Problem & Goals	05	10	20
		Literature Review & Background Study / Survey of existing Work & Background Study / Critical analysis of Past Work	05	10	20
		Methodology & Work Progress / Research Approach & Development Progress	05	10	20
		Report / Documentation / Original Contribution & Novelty	05	10	20
		Presentation & Viva-Voce / Oral Presentation & Question–Answer Session	05	10	20
Total Maximum Marks			25	50	100

3. ESE paper setting will be as per below format

Nature of Question Paper

		QP-6312
Seat No.		Total No. of Pages: 2

11731 Bachelor of Technology (NEP – 2.0)

Sub. Name: Engineering Physics

Sub. Code: 109815/108716

Day and Date:	JUNE, 05-06-2025	Total Marks: 60
Time:	10.30 AM To 01:00 PM	

Total Marks: 60

Time: 02 Hours

Instructions: 1. Question No.1 is Compulsory.

2. Candidate has to attempt Any Three Questions from Question No. 2 to 5.

Q. No.	Questions	Marks	CO	BL	PI
Q.1	Choose the correct alternative and rewrite the sentence.	(6×1 = 6 M)			
	Prepare six multiple-choice questions (MCQ's), each based on a different unit, with each carrying one mark				
Q.2	Answer the following questions	18 M			
	Unit 1 and Unit 2: Unit 1 and 2 should be covered without any internal choice (OR) questions.				
Q.3	Answer the following questions	18 M			

	Unit 3 and Unit 4: Unit 3 and 4 should be covered without any internal choice (OR) questions.				
Q.4	Answer the following questions	18 M			
	Unit 5 and Unit 6: Unit 5 and 6 should be covered without any internal choice (OR) questions.				
Q.5	Answer the following questions	18 M			
	Minimum three to maximum five units from Unit 1, 2, 3, 4, 5 and 6 should be covered without any internal choice (OR) questions.				

End of Question Paper

Instructions to Paper Setter:

The paper setter has given the flexibility to decide the number of internal sub-questions. The Paper Setter should frame questions based on the cognitive levels of Bloom's Taxonomy (1 - Remembering, 2 - Understanding, 3 - Applying, 4 - Analyzing, 5 - Evaluating, and 6 – Creating). Mention the Marks, Course Outcome (CO), Bloom's Taxonomy Level (BL) and may be Performance Indicator (PI) in the question paper.

4. The number of optional questions marks in a theory paper shall be 25 to 30 percent of the maximum marks.
5. Preferably, a theory question paper should be set covering entire syllabus as per clause 2 above.
6. The continuous assessment report (CAR) of TW shall include attendance for practicals, involvement and understanding of concepts / principles involved in practical / neatness in presentation and punctuality in submission etc. However, a subject teacher may decide the breakup of marks in CAR as per the nature of content in syllabus of his concerned practical subject.
7. The TW should be assessed regularly and evaluated through CAR.
8. The scheme of marking of TW will be bring to the notice of students prior to the start of semester.
9. The marks of TW / OE / POE shall be submitted to University in prescribed format within stipulated period.
10. The ESE for laboratory will consists of Internal Evaluation (IE) and/or External Evaluation (EE). There will be no EE for laboratory courses of the

	First Year. The entire ESE assessment of First Year for laboratory courses will be by two internal examiners only, Out of which, one should be respective course coordinator. 11. The EE of ESE for laboratory courses will be carried out from the semester-III onwards, by one Internal Examiner and one External Examiner.
R. R. B. Tech. 5	Passing criteria: 1. Passing with 40% marks is mandatory in ESE theory. The duration of ESE theory examination will be 02:00 Hrs and for some subjects, it will be of 02:30 Hrs. Ex. Engineering Graphics subject of F. Y. B. Tech., it will be of 02:30 Hrs. Combined passing marks (MT+CA+ESE) for theory course are 40%. However, the passing in ESE alone does not guarantee passing in the course unless the combined score meets 40%. If a student fails to meet the combined 40% passing criteria, they must compensate for the shortfall through ESE alone (by scoring higher in ESE) because no compulsory passing for MT (R. R. B. Tech 5.3) and compulsory passing percentage for CA of theory and practical is 40% (R. R. B. Tech 5.4 which is part of term grant). This means that ESE carries the final weight in ensuring students pass the course, emphasizing its critical role in overall performance. 2. MT should be conducted by concerned subject teacher upon the completion of each unit. For example, if there are 6 units, Test of 10 marks will be conducted after the completion of each unit, resulting in a total of 60 marks. These 60 marks should then be converted to 10 marks and entered on the SUK Examination Portal under the heading "Midterm Test". 3. No compulsory passing for MT. 4. Compulsory passing percentage for CA of theory and practical is 40%. 5. Compulsory passing percentage for ESE practical / oral examination 40%. 6. Student should clear all first year passing heads before admits to third year and clear all second year passing heads before admits to fourth year. 7. Aggregate of a particular year (both the semesters) shall be considered as a separate head of passing for the result of that concerned year and 45 % aggregate score is mandatory. The student not fulfilling this criterion can improve the score of 45% aggregate through appearing in re-examination for maximum of three theory courses. 8. If student fails to improve the score of 45% aggregate through appearing in

	re-examination then he/she can improve the score of 45% aggregate by re-appearing in subsequent concern odd semesters (3, 5, 7) or concern even semesters (4, 6, 8) ESE of theory course examination in next academic year.
R. R. B. Tech. 6	Term Work : The term work shall be assessed based on performance of the student in practical and tutorial hours. The term work is to be assessed weekly. Student should clear the Term Work.
R. R. B. Tech. 7	Academic Progress Rules: 1. A student who has been detained in a regular semester and obtained 'XX' grade (Zero grade point) can Re-register for the next regular semester whenever it is offered. 2. The maximum duration for getting B. Tech. degree for students admitted in the first semester of U.G. programme will be 16 semesters (eight academic years) while for lateral entry students admitted in the third semester will be 14 semesters (seven academic years) from their date of admission. The maximum duration of the programme includes the period of withdrawal, absence and different kinds of leaves permissible to a student but excludes the period of rustication of a student from the department. 3. Students, opting for exits at any level, will have the option to re-enter the programme from where they had left off, in the same or in a different higher education institution within four years of exit and complete the degree programme within the stipulated maximum period of eight years from the date of admission to first year UG. 4. If a student is unable to gain all credits of first year in three years from the date of the admission, then the candidate will be declared as "Not Fit for Engineering" leading to discontinuation of candidate's registration from the department/Institute.
R. R. B. Tech. 8	Absentee to Midterm Test (MT): Cases of students who are unable to appear for the Test due to circumstances beyond their control (Hospitalized student, Death of father, mother, grandmother, grandfather, son, daughter, brother or sister, Natural disaster, Player of team of Zonal, Inter zonal or University team), Avishkar Competition, University cultural programs like Youth festival, the case will be considered by the Principal on the

merits basis. In such case **Test** may be conducted separately for those students within **7 to 10** days after regular **Test**.

R. R. B. Tech. 9

The Semester Grade Point Average (SGPA) shall be calculated for each semester and Cumulative Grade Point Average (CGPA) shall be calculated at the end of all semesters.

The standard of passing shall be in accordance with the following table :

Table 1: Conversion of Marks out of 100 to grade point (Passing: 40)

Sr. No	Marks Range Out of 100	Grade point	CGPA	Letter Grade
1	Absent	0(zero)	-	Ab: Absent
2	0-39	0(zero)	0.0-4.99	F: Below Average (Fail)
3	40-49	5	5.00-5.49	C: Average (Pass)
4	50-59	6	5.50-6.49	B: Above Average
5	60-69	7	6.50-7.49	B ⁺ : Good
6	70-79	8	7.50-8.49	A: Very Good
7	80-89	9	8.50-9.49	A ⁺ : Excellent
8	90-100	10	9.50-10.0	O: Outstanding

Table 2: Conversion of Marks out of 75 to grade point (Passing: 30)

Sr. No	Marks Range out of 75	Grade point	CGPA	Letter Grade
1	Absent	0(zero)	-	Ab: Absent
2	0-29	0(zero)	0.0-4.99	F: Below Average (Fail)
3	30-37	5	5.00-5.49	C: Average (Pass)
4	38-44	6	5.50-6.49	B: Above Average
5	45-52	7	6.50-7.49	B ⁺ : Good
6	53-59	8	7.50-8.49	A: Very Good
7	60-67	9	8.50-9.49	A ⁺ : Excellent
8	68-75	10	9.50-10.0	O: Outstanding

Table 3: Conversion of Marks out of 50 to grade point (Passing: 20)

Sr. No	Marks Range out of 50	Grade point	CGPA	Letter Grade
1	Absent	0(zero)	-	Ab: Absent
2	0-19	0(zero)	0.0-4.99	F: Below Average (Fail)

3	20-24	5	5.00-5.49	C: Average (Pass)
4	25-29	6	5.50-6.49	B: Above Average
5	30-34	7	6.50-7.49	B ⁺ : Good
6	35-39	8	7.50-8.49	A: Very Good
7	40-44	9	8.50-9.49	A ⁺ : Excellent
8	45-50	10	9.50-10.0	O: Outstanding

Table 4: Conversion of Marks out of 25 to grade point (Passing: 10)

Sr. No	Marks Range out of 25	Grade point	CGPA	Letter Grade
1	Absent	0(zero)	-	Ab: Absent
2	0-9	0(zero)	0.0-4.99	F: Below Average (Fail)
3	10-12	5	5.00-5.49	C: Average (Pass)
4	13-14	6	5.50-6.49	B: Above Average
5	15-17	7	6.50-7.49	B ⁺ : Good
6	18-19	8	7.50-8.49	A: Very Good
7	20-22	9	8.50-9.49	A ⁺ : Excellent
8	23-25	10	9.50-10.0	O: Outstanding

Note :

The award of the final Grade for the degree of B. Tech. shall be calculated based on CGPA.

Calculation of SGPA and CGPA:

1. Semester Grade Point Average (**SGPA**)

$$SGPA = \frac{\sum(\text{Course credits} \times \text{Grade points obtained}) \text{ of a Semester}}{\sum(\text{Course credits}) \text{ of respective Semester}}$$

2. Cumulative Grade Point Average (**CGPA**)

$$CGPA = \frac{\sum(\text{Total credits of a Semester} \times \text{SGPA of respective Semester}) \text{ of all Semesters}}{\sum(\text{Total course credits}) \text{ of all Semesters}}$$

1. Marks obtained ≥ 0.5 shall be rounded off to next higher digit.
2. The SGPA & CGPA shall be rounded off to 2 decimal points.
3. CGPA will be calculated cumulatively from Sem. I to Sem. VIII for regular students and from Sem. III to Sem. VIII for lateral entry students.

Note: An equivalent certificate of CGPA to percentage of marks will be

	provided to student on candidate's demand after remitting prescribed fees by Shivaji University.
R. R. B. Tech. 10	Evaluation System: 1. A candidate who fails to clear all heads of passing (Including aggregate marks) at an Examination shall be exempted at a subsequent attempts from appearing in a head or heads of passing in which he has secured 40% or more marks and these marks will be carried over for the purposes of aggregate and he will be declared to have passed in the examination when he passes. 2. A candidate who has cleared all heads of passing but has failed in aggregate for passing the examination has a choice to reappear for any theory paper/papers so as to enable him/her to secure aggregate marks. 3. A candidate passing the B. Tech. Examination by reappearing examination will not be eligible for a prize or scholarship at the Degree Examination. 4. The CGPA be calculated for the B. Tech programme on the basis of actual number of marks obtained irrespective of the number of attempts.
R. R. B. Tech. 11	Awards of Grades for Re-Examination: 1. There will be Re-examination for all failure ESE theory and practical courses in a year after even semester immediately the result declaration of ESE and before the commencement of next academic year. 2. A student will apply for re-examination before the last date of such application and will appear for re-examination. 3. In such cases Continuous Assessment performance of a student will not be wiped out. 4. The weightage similar to ESE will be given to re-examination. 5. A student who is eligible for re-examination but remains absent for re-examination will be given grade 'Absent'. 6. If the student fails in an odd semesters (1, 3, 5, 7) and/or even semesters (2, 4, 6, 8) in ESE of theory/practical credit course in an academic year shall be allowed to appear for re-examination. 7. There will be ESE examination of theory and practical courses of semester 1, 3, 5 and 7 at the end of odd semester, there will be ESE examination of theory and practical courses of semester 2, 4, 6 and 8 at the end of even

	semester and there will be re-examination for all ESE theory and practical courses from semester 1 to semester 8 after one month of declaration of result of even semester. 8. If the student fails to clear the ESE of theory/practical course even in re-examination conducted after even semesters (2, 4, 6, 8) in a year, he/she shall have to re-appear in subsequent concern odd semesters (3, 5, 7) or concern even semesters (4, 6, 8) ESE of theory/practical credit course examination in next academic year for the failed ESE of theory/practical credit course examination of concern odd semester or concern even semester that she/he has failed in previous academic year. 9. A student will be awarded a grade given in Table of R. R. B. Tech. 9 depending upon the cumulative marks obtained by him/her in Re-examination.
R. R. B. Tech. 12	Award of Degree: 1. If a student passes all the courses of first year and earns the requisite number of credits, the student will become entitled to Undergraduate Certificate (One year or two semesters) in the faculty of his/her major subject. If he/she wants to exit, can exit the programme with UG Certificate. However, for the award of one year UG Certificate in Major with 44 credits, an additional 8 credits from Exit Courses are required to earn. 2. If a student passes all the courses of first year, second year and earns the requisite number of credits, the student will become entitled to Undergraduate Diploma (Two years or four semesters) in the faculty of his/her major subject. If he/she wants to exit, can exit the programme with UG Diploma certificate in hand. However, for the award of two years UG Diploma Certificate in Major with 88 credits, an additional 8 credits from Exit Courses are required to earn. 3. If a student passes all the courses of first year, second year and third year and earns the requisite number of credits, the student will become entitled to three years Bachelor's Degree in Vocational in the faculty of his/her major subject. If he/she wants to exit, can exit the programme with three years Bachelor's Degree in Vocational. However, for the award of three years Bachelor's Degree in Vocational in the faculty of his/her major

	subject with 132 credits, an additional 8 credits from Exit Courses are required to earn. - If a student passes all the courses of first year, second year and third year, fourth year and earns the requisite number of credits (176), the student will become entitled to four years Bachelor's Degree in the faculty of his/her Major Subject with Multidisciplinary Minor. e.g. B. Tech. in Mechanical Engineering with Minor in Computer Science and Engineering. - For one Major and one Multidisciplinary minor, candidate is required to earn mandatory credits of 176. Under Graduate Degree in Engineering (Major) with a Multidisciplinary Minor (MDM) feature is the fourth vertical (Level 6.0) from the National Credit Framework. For such a candidate the degree offered would be: B. Tech in Major Degree Title with Multidisciplinary Minor. The minor in Emerging Areas with additional credits of 18-20 is add on for two minors. eg. B. Tech in Computer Science and Engineering with Minor in Mechanical Engineering and Minor in AI. - In addition to the credit requirement prescribed above for the Degree award, candidate will have to complete the requirements of Audit Course during the programme. While the performance of the student in audit courses will be included in the Grade Card, these grades do not contribute to SGPA or CGPA of the concerned student. However the passing in Audit Courses is mandatory for every student.
R. R. B. Tech. 13	Rules for Allowing to Keep Term (ATKT): - If a candidate fails in any number of courses (subject heads) of Semester I, shall be allowed to proceed to Semester II. - A candidate who earns 50% of total credits of Level 4.5 [Undergraduate Certificate (One year or two semesters)] shall be allowed to keep terms in Level 5.0 [(S. Y. B. Tech) /Undergraduate Diploma (Two years or four semesters)]. - For direct second year admitted students (at entry level) to concern programme, the earning of additional 2 credits are mandatory. It is required to conduct examination and evaluation for same at institute level at the time of third semester ESE examination and need to submit report to Examination section, Engineering and Technology, Shivaji University,

Kolhapur.

4. If a candidate fails in any number of courses (subject heads) of Semester III, shall be allowed to proceed to Semester IV.
5. A candidate who earns 50% of total credits of Level 5.0 [(S. Y. B. Tech) /Undergraduate Diploma (Two years or four semesters)] shall be allowed to keep terms in Level 5.5 [(T. Y. B. Tech)/Bachelor's Degree in Vocational in the faculty of his/her major subject (Three years or six semesters)].
6. No candidate shall be allowed to proceed to Semester V, unless candidate has passed in all courses of Level 4.5 [(F. Y B. Tech)/Undergraduate Certificate (One year or two semesters)].
7. If a candidate fails in any number of courses (subject heads) of Semester V, shall be allowed to proceed to Semester VI.
8. A candidate, who earns 50% of total credits of Level 5.5 (T. Y. B. Tech), will be allowed to keep terms in Level 6.0 (Final Year B. Tech).
9. No candidate shall be allowed to proceed to Semester VII, unless candidate has passed in all courses of Level 5.0 [(S. Y. B. Tech)/Undergraduate Diploma (Two years or four semesters)].
10. If a candidate opts for four year bachelor degree programme and fails in any number of courses (subject heads) of Semester VII, shall be allowed to proceed to Semester VIII.
11. If a candidate fails in three or more than three ESE theory courses (subject heads) in a year, then he/she shall not be allowed to proceed for next semester of a year.
12. A student who has been detained in a regular semester and obtained 'XX' grade (Zero grade point) can Re-register for the next regular semester whenever it is offered.
13. Under the National Education Policy, the rules extended from time to time regarding ATKT will be applicable.
14. Eligibility for admission to the UG Bachelor's Degree with Double Minor/Honours /Research as per UGC guidelines: Minimum CGPA/CPI of 7.5 or minimum 75% after second semester for UG Bachelor's Degree with Double Minor/ Honours and Minimum CGPA/CPI of 7.5 or minimum 75% after sixth semester for UG Bachelor's Degree with

	Research.
R. R. B. Tech. 14	Attendance Rule: 1. All students must attend every lecture, tutorial and practical class. However, to account for late registration, sickness or other such contingencies, the attendance requirement will be a minimum of 75% of the classes actually held. A student with less than 75% attendance in a course during the semester, in lectures, tutorials and laboratories taken together (as applicable), will be awarded an 'XX' grade (Zero grade) in that course irrespective of his/her performance in the tests. 2. Attendance record will be maintained based upon roll calls (or any equivalent operation) in every scheduled lecture, tutorial and practical class. The course coordinator/subject teacher will maintain and consolidate attendance record for the course (lectures, tutorials and laboratories together, as applicable).
R. R. B. Tech. 15	Change of Branch: Students will be eligible to apply for Change of Branch/Major discipline after completing the first two semesters. The change of branch/Major discipline will be permitted strictly on merit basis subject to the rules and regulations prescribed by Directorate of Technical Education, Maharashtra State/Admission Regulatory Authority, Maharashtra State time to time.
R. R. B. Tech. 16	Relevant amendments in the Rules and Regulations as per the guidelines notified by AICTE/ UGC/University shall be applicable.