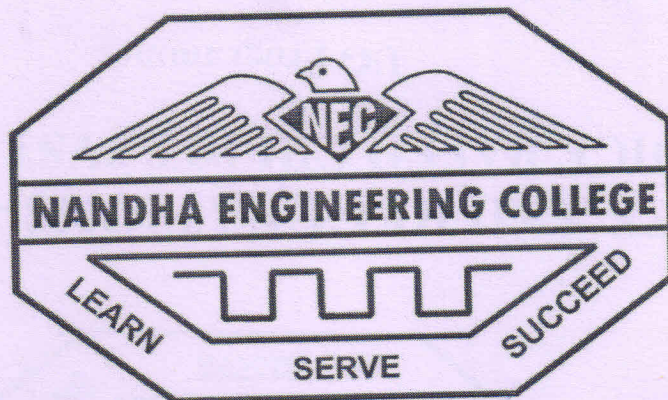


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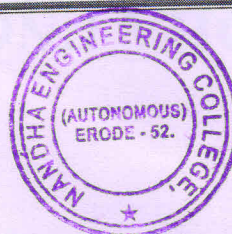
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Amendments [2] in RULES AND REGULATIONS – 2017 [R17] for UG Programmes

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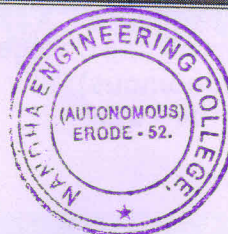


AMENDMENTS IN RULES AND REGULATIONS [Amendments-2 R17]
FOR B.E./ B.TECH. DEGREE PROGRAMME

Existing	Revised
<p>Clause 4.0 Programme of Study:</p> <p>B.E., Degree</p> <p>Agriculture Engineering (AG)</p> <p>Civil Engineering (CE)</p> <p>Computer Science and Engineering (CS)</p> <p>Electronics and Communication Engineering (EC)</p> <p>Electrical and Electrical Engineering (EE)</p> <p>Electronics and Instrumentation Engineering (EI)</p> <p>Mechanical Engineering (ME)</p> <p>B.Tech. Degree</p> <p>Chemical Engineering (CH)</p> <p>Information Technology (IT)</p>	<p>Clause 4.0 Programme of Study:</p> <p>B.E., Degree</p> <p>Agriculture Engineering (AG)</p> <p><u>Biomedical Engineering (BM)</u></p> <p>Civil Engineering (CE)</p> <p>Computer Science and Engineering (CS)</p> <p>Electronics and Communication Engineering (EC)</p> <p>Electrical and Electrical Engineering (EE)</p> <p>Electronics and Instrumentation Engineering (EI)</p> <p>Mechanical Engineering (ME)</p> <p>B.Tech. Degree</p> <p>Chemical Engineering (CH)</p> <p>Information Technology (IT)</p>
<p>Clause 5.10 Online Courses:</p> <ul style="list-style-type: none"> Students will be permitted to register for the online courses (which are provided with certificate) offered by SWAYAM/reputed institutions like IITs, NITs and other Universities with prior approval of Head of the Department and Head of the Institution. If a student wishes to avail exemption for online courses, he/she can do so by exercising his/her option in writing to the respective HoD the beginning of the semester subject to a maximum of three credits. Decision on exemption of courses (PSE/OE) will be taken by the committee constituted by the Chairman, Academic council by following the equivalence norm (contact hours, credits & Grade). Grades earned by the students for the online courses which are not claimed for exemption, will not be included in the computation of GCPA. 	<p>Clause 5.10 Online Courses:</p> <ul style="list-style-type: none"> With the prior approval of Head of the Department and Principal, Students will be permitted to register for the online courses (which are provided with certificate) offered by SWAYAM/NPTEL/reputed institutions like IITs, NITs, other leading Universities, <u>Professional Bodies/Societies & other online courses recommended by BoS</u> time to time. <u>Students may be permitted to earn credits up to 40% of total courses offered in a program in a semester through online as per UGC guidelines.</u> <u>This online course of 3 credits can be considered instead of one elective course (PSE/OE).</u> If a student wishes to avail exemption of courses (PSE/OE) for the credits earned through online courses, he/she can do so by exercising his/her option in writing to the respective HoD. Decision on exemption of courses (PSE/OE) will be taken after considering equivalence norm (course content, contact hours, credits & Grade) and recommendations of DCAA and approval of Principal. Grades earned by the students for the online courses which are not claimed for exemption, will not be included in the computation of GCPA.

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Clause 5.11 One-Credit Courses:

- Students can opt for one credit courses from 3rd semester onwards as and when offered by different departments of 15 hours duration. These courses will be offered & assessed by experts from industry/ other institutions on specialized topics. Students will be permitted to register for the one credit courses offered by other departments also with the recommendation of DCAA & approval of the committee constituted by the Chairman Academic council provided the student has fulfilled the necessary pre-requisites of the course. There is no limit on the number of one credit courses a student can register.
- If a student wishes to avail exemption of elective subjects in the 7th or 8th semesters, he/she can do so by exercising his/her option in writing to the respective Head of the Department during the beginning of the semester by following the equivalence norm that one elective course in the 7th or 8th semester is equivalent to three one credit courses completed by the student. Decision on exemption of courses will be taken by the committee constituted by the Chairman, Academic Council. The grades earned by the students for the one-credit courses which are not claimed for exemption of an elective course, will not be included in the computation of CGPA.

- If a student who registers for one-credit courses does not successfully complete the course, the registration of that course will be considered as cancelled. Further, it will not be treated as arrear and no supplementary examination will be conducted; alternatively, if he/she wishes, he/she can re-register for the same course in the ensuing semesters and successfully complete it as and when it is offered subsequently.

Clause 5.11 One-Credit Courses:

- Students can opt for one credit courses from 3rd semester onwards as and when offered by different departments of 15 hours duration. These courses will be offered on specialized topics with the recommendations of HoD and prior approval of Principal. These courses shall be conducted and assessed by the experts from industry/ other institutions. Students will be permitted to register for the one credit courses offered by other departments also after fulfilling the necessary pre-requisites of the course. There is no limit on the number of one credit courses a student can register.

- If a student wishes to avail exemption of elective courses (PSE/OE) in the 7th or 8th semesters, he/she can do so by exercising his/her option in writing to the respective Head of the Department during the beginning of the semester by following the equivalence norm as given below.

✓ Three one credit earned through one-credit courses.

✓ Three one credit earned through online courses

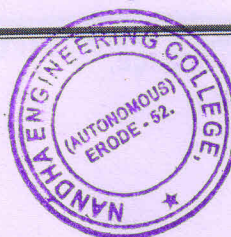
✓ Credits earned through combination of both one credit & Online courses

▪ One or two credit(s) earned through one-credit courses & two or one credit (s) earned through online


by the student may be considered equivalent to a course of 3 credits.

Decision on exemption of courses will be taken based on the recommendations of DCAA and approval of Principal. The grades earned by the students for the one-credit courses which are not claimed for exemption of an elective course, will not be included in the computation of CGPA.

- If a student who registers for one-credit courses does not successfully complete the course, the registration of that course will be considered as cancelled. Further, it will not be treated as arrear and no supplementary examination will be conducted; alternatively, if he/she wishes, he/she can re-register for the same course in the ensuing semesters and successfully complete it as and when it is offered subsequently.



Clause 7.0, 7.4.2 Course registration Student has the option of registering for additional courses or dropping existing courses from III to VIII semesters. Total number of credits of such courses cannot exceed 6. However, the maximum number of credits the student can register in a particular semester shall be 30 credits.			Student has the option of registering for additional courses or dropping existing courses from III to VIII semesters. Total number of credits of such courses cannot exceed 6. However, Student has the option of registering <i>minimum of 8 credits (only in 8th semester) and maximum of 30 credits</i> in a particular semester.		
Clause 7.5.1: Summer Track:			Clause 7.5.1: Summer Track: No change <i>New clause 7.5.1a: Winter Track: A winter track is conducted between odd and even semesters of winter period for about 28 working days. The typical structure of the winter track will be similar to summer track as specified in the clause 7.5.1. Student has the option of registering Max.6 credits in the winter track.</i>		
Clause 10.1 Procedure for Assessment & Awarding Marks – Theory course			Clause 10.1 Procedure for Assessment & Awarding Marks for Theory courses.		
NB: Continuous Assessment Scheme for Practical Courses remains same					
Theory Course				Theory Course	
Continuous Assessment		40 Marks		Continuous Assessment	
End Semester Examination		60 Marks		End Semester Examination	
Total		100 Marks		Total	
Continuous Assessment Scheme for Theory Course				Continuous Assessment Scheme for Theory Course	
Component		Marks		Component	
Three CAT exams. (Duration 1 hour, 30 minutes & Best two will be considered)		Written test: 2 x 15	30	Two CAT exams. (Duration 2 hours)	
Online: 3 tests (Best two)		2 x 2.5	5	Online: 2 tests	
Assignments/Tutorials/ Quiz/ - 2		2 x 2.5	5	Assignments/Tutorials/ Quiz/ - 2 Nos.	
Continuous Assessment Marks		-	40	Continuous Assessment Marks	
				One Reassessment test (Re-CAT) at the end of the semester for the students who were absent for CAT due to medical reasons like hospitalization for accident/ illness or participation in the college/ University/ State/ national/ International level sports events/other genuine reasons/improvement with prior permission from Principal.	
End Semester Examination Scheme for Theory Course				End Semester Examination Scheme for Theory Course	
Examination duration: 3 hours Max. marks: 100 → Reduced to 60 marks				Examination duration: 3 hours Max. marks: 100 → Converted to 60 marks	


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Clause 10.1 Procedure for Assessment & Awarding Marks (a) Components of Embedded Course: Theory + Project [Refer Regulations R17 page 13]	One CAT exam., Duration 2 hours, 1 x 15 = 15 marks Other assessment procedures remain same.
(b) Components of Embedded Course: Theory + Laboratory [Refer Regulations R17 Amendment-1] CAT - 3 Nos. Marks obtained in the best two CAT will be converted into 15 Marks.	CAT - 2 Nos. Marks obtained in the CAT will be converted into 15 Marks. Other assessment procedures remain same.
Clause 10.5 Assessment for Online Course: Students may be permitted to register for online courses (which are provided with certificate) with the recommendations of DCAA & approval of a committee constituted by the Principal subject to a max. of three credits. Online course of 3 credits can be considered instead of one elective course. After successful completion of online courses, students have to register for end semester examinations with the recommendations of DCAA and same shall be evaluated through end semester examination only.	Clause 10.5 Assessment for Online Course: Students may be permitted to register for online courses (which are provided with certificate) as specified in clause 5.10. On successful completion of the online courses, DCAA will assess the online courses by providing 75% weightage to the marks earned through online courses and 25% weightage to the assessment by DCAA by retaining the credits specified in the certification. Online course of 3 credits can be considered instead of one elective course (PSE/OE). The grading shall be awarded as per clause 16.1 with the prior approval of Principal.

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