

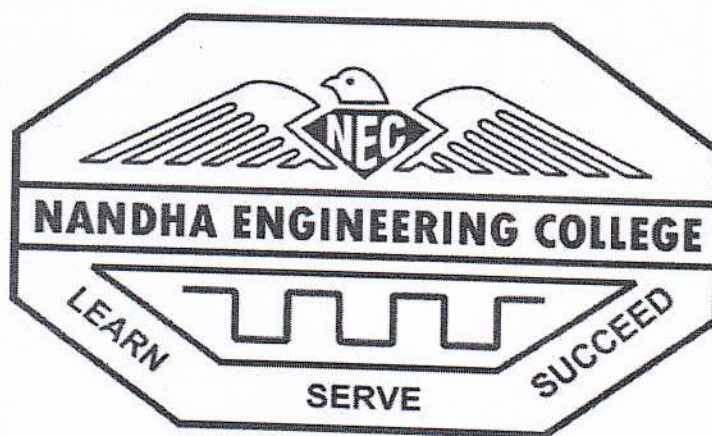
NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Affiliated to Anna University, Chennai and Approved by AICTE, New Delhi)

(Accredited by NAAC (A+ Grade))

Erode-638 052, Tamil Nadu, India, Phone: 04294 – 225585



**Amendments [4] in
RULES AND REGULATIONS – 2022 [R22]
for
UG Programmes**



FOR B.E./ B.TECH. DEGREE PROGRAMME

EXISTING	REVISED
<u>Clause 5.11 One-Credit Courses</u> - Students can opt for <u>one credit courses</u> from <u>3rd semester</u> onwards as and when offered by different departments of <u>15 hours</u> 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 HoD and Head of the Institution provided the student has fulfilled the necessary pre-requisites of the course. There is no limit on the number of <u>one credit courses</u> a student can register. - If a student wishes to avail exemption of courses in the <u>7th or 8th semesters</u>, 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. ✓ <u>Three one credit earned through one-credit courses</u> ✓ <u>Three one credit earned through online courses</u> ✓ Credits earned through combination of both <u>one credit</u> & Online courses ✓ One or two credit(s) earned through <u>one-credit courses</u> & two or one credit (s) earned through online courses. <u>by the student may be considered equivalent to a course of 3 credit</u>	<i>Clause 5.11 Credit Courses</i> <i>(Applicable to students admitted from the 2022-2026 Batch onwards)</i> - Students can opt for <i>one / two / three credit courses</i> from <i>2nd semester</i> onwards as and when offered by different departments of <i>15 / 30 / 45 hours</i> duration respectively. These courses will be offered & assessed by experts from industry/ other institutions on specialized topics. Students will be permitted to register for the credit courses offered by other departments with the recommendation of HoD and Head of the Institution, provided the students must have fulfilled the necessary pre-requisites of the course. There is no limit on the number of <i>one / two / three credit courses</i> for which a student may register. - If a student wishes to avail exemption of courses in the <i>5th / 6th / 7th semesters</i>, 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. ✓ <i>Three credits earned through credit courses</i> ✓ <i>Three credits earned through online courses</i> ✓ Credits earned through a combination of <i>credit courses & Online courses</i> ✓ One or two credit(s) earned through <i>credit courses & two or one credit (s) earned through online courses.</i> <i>The credits earned by a student through any of the above options may be considered equivalent to three credit course.</i>
Clause 10.1 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 / <u>International level sports event</u> / other genuine reasons / <u>improvement with prior permission from Principal.</u>	Clause 10.1 One Reassessment test (Re-CAT) shall be conducted at the end of the semester for the students who were absent for the CAT due to medical reasons such as hospitalization following an accident / illness, participation in the college / University / State / National / <i>International level co-curricular and extra-curricular activities</i> / other genuine reasons and <i>improvement tests shall also be conducted for the students who wish to improve their CAT scores, with the prior permission of the Head of the Department / Principal.</i>

10.5 Assessment for Online Course:

Students are permitted to optionally enroll and study online courses through SWAYAM - NPTEL platforms and credit transfer is to be done based on the marks and certificate provided by the NPTEL. The number of credits and transfer of credits are based on the procedure explained in Table-1 and the Mapping of the marks with the grades is explained in Table-2. Online course of 3 credits can be considered instead of one elective course (PEC/OEC). **The mapping of marks with grades is applicable, only if the student passes the course as per the guidelines of NPTEL**

Table 1: Duration and Number of credits

Number of weeks	Number of Credits
4	1
8	2
12	3
16	4

Table 2: Mapping of Marks scored in NPTEL course and Credits earned

Letter Grade	Marks
<u>O</u>	<u>90 -100</u>
<u>A+</u>	<u>80 - 89</u>
<u>A</u>	<u>70 - 79</u>
<u>B+</u>	<u>60 - 69</u>
<u>B</u>	<u>50 - 59</u>
<u>C</u>	<u>40 - 49</u>

Clause 16 Award of Grade

16.1 After a student has satisfied the passing requirements prescribed in clause 11, the student shall be placed in one of the grades. All assessments of a course will be done on **relative grading principle** except for the categories referred in Clause 16.2.2. Credits/grade/marks earned through online courses will be decided as per Clause 10.5. However, for the purpose of reporting the performance of a student, letter grades, each carrying certain number of points, will be awarded as per the range of total marks (out of 100) obtained by the student in each subject as detailed below.

Clause 10.5 Assessment for Online Course:

(Applicable to students admitted in the 2025-2029 Batch only)

Students are permitted to optionally enroll in online courses offered through the SWAYAM – NPTEL / ***other recognized online learning platforms***, credit transfer shall be granted based on the marks obtained and the certificate provided by the NPTEL. The award and transfer of credits shall be governed by the procedure prescribed in Table-1, and the Mapping of the marks to grades shall be carried out in accordance with Table-2. An Online course carrying 3 credits may be considered in lieu of one elective course (PEC/OEC). ***The mapping of marks to grades shall be applicable only if the student successfully completes and passes the online course in accordance with the guidelines prescribed by Anna University.***

Table 1: Duration and Number of credits

Number of weeks	Number of Credits
4	1
8	2
12	3
16	4

Table 2: Mapping of Marks scored in NPTEL course and Credits earned

Letter Grade	Marks
<u>S</u>	<u>91 -100</u>
<u>A+</u>	<u>81 - 90</u>
<u>A</u>	<u>71 - 80</u>
<u>B+</u>	<u>61 - 70</u>
<u>B</u>	<u>51 - 60</u>
<u>C+</u>	<u>46 - 50</u>
<u>C</u>	<u>40 - 45</u>
<u>U</u>	<u><40</u>

Clause 16.AWARD OF GRADE

(Applicable to students admitted in the 2025-2029 Batch only)

16.1 After a student has satisfied the passing requirements prescribed in clause 11, the student shall be placed in one of the following grades. All assessments of a course will be done on **absolute grading principle**. Credits/grade/marks earned through online courses as per Clause 5.10 & 10.5 will be decided as per Clause 10.5. However, for the purpose of reporting the performance of a student, letter grades, each carrying certain number of points, will be awarded as per the range of total marks (out of 100) obtained by the student in each subject as detailed below:

Letter Grade	Grade Points	Range of Percentage of Total Marks	Letter Grade	Grade Points	Range of Percentage of Total Marks
<u>O (Outstanding)</u>	<u>10</u>	<u>91 to 100</u>	<i>S (Outstanding)</i>	<i>10</i>	<i>91 to 100</i>
A + (Excellent)	9	81 to 90	A+ (Excellent)	9	81 to 90
A (Very Good)	8	71 to 80	A (Very Good)	8	71 to 80
<u>B + (Good)</u>	<u>7</u>	<u>61 to 70</u>	<i>B+ (Good)</i>	<i>7</i>	<i>66 to 70</i>
<u>B (Average)</u>	<u>6</u>	<u>56 to 60</u>	<i>B (Above Average)</i>	<i>6.5</i>	<i>61 to 65</i>
C (Satisfactory)	5	50 to 55	<i>C+ (Average)</i>	<i>6</i>	<i>56 to 60</i>
U (Reappearance)	0	< 50	C (Satisfactory)	5	50 to 55
SA (Shortage of Attendance)	0	-	U (Reappearance)	0	<50
<u>WD (Withdrawal)</u>	<u>0</u>	-	SA (Shortage of Attendance)	0	-
			<i>WC (Withdrawal of Course)</i>	<i>0</i>	-
A student is deemed to have passed and acquired the corresponding credits in a particular course if he/she obtains any one of the following grades: <u>“O”, “A+”, “A”, “B+”, “B”, “C”.</u> ‘SA’ denotes shortage of attendance (as per clause 8.4) and hence prevented from writing the end semester examinations. ‘SA’ will appear only in the result sheet. “U” denotes that the student has failed to pass in that course. <u>“WD” denotes withdrawal</u> from the exam for the particular course. The grades U and <u>WD will figure</u> both in the Grade Sheet as well as in the Result Sheet. In both cases, the student has to appear for the End Semester Examinations as per the Regulations. If the grade U is given to Theory Courses/ Laboratory Courses it is not required to satisfy the attendance requirements (vide clause 8), but has to appear for the end semester examination and fulfill the norms specified in clause 14 to earn a pass in the respective courses. If the grade U is given to EEC course (except Project Work), which are evaluated only through internal assessment, the student shall register for the course again in the subsequent semester, fulfill the norms as specified in clause 11 to earn pass in the course. However, attendance requirement need not be satisfied. <u>16.2.1 The grades O, A+, A, B+, B, C obtained for the one credit course shall figure in the Mark sheet under the title ‘Value Added Courses’. The other grades U, SA will not figure in the mark sheet.</u>			A student is deemed to have passed and acquired the corresponding credits in a particular course if he/she obtains any one of the following grades: <i>“S”, “A+”, “A”, “B+”, “B”, “C+”, “C”.</i> “SA” denotes shortage of attendance (as per clause 8.4) and hence prevented from writing the end semester examinations. “SA” will appear only in the result sheet. “U” denotes that the student has failed to pass in that course. <i>“WC” denotes withdrawal of course</i> from the exam for the particular course. The grades U and <i>WC will figure</i> both in the Grade Sheet as well as in the Result Sheet. In both cases, the student has to appear for the End Semester Examinations as per the Regulations. If the grade “U” is given to Theory Courses/ Laboratory Courses it is not required to satisfy the attendance requirements (vide clause 8), but has to appear for the end semester examination and fulfill the norms specified in clause 14 to earn a pass in the respective courses. If the grade “U” is given to EEC course (except Project Work), which are evaluated only through internal assessment, the student shall register for the course again in the subsequent semester, fulfill the norms as specified in clause 11 to earn pass in the course. However, attendance requirement need not be satisfied.		

16.2.2 All assessments of a course will be done on relative grading principle except the following.

- In all the courses, if the number of students who have passed the course is less than or equal to 30 then 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 below irrespective of the number of students who have passed the course.

Table – Grade range for absolute grading

O	A+	A	B+	B	C	U
91-100	81-90	71-80	61-70	56-60	50-55	< 50

Relative Grading:

For those students who have passed the course (theory course / embedded courses (theory + laboratory) / 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 / embedded courses (theory + laboratory) and all other EEC Courses) as given in the Table below. If the students' strength is greater than 30, the relative grading method shall be adopted.

Letter Grade	Grade Points	Range of Percentage of Total Marks
O (Outstanding)	10	91 to 100
A + (Excellent)	9	81 to 90
A (Very Good)	8	71 to 80
B + (Good)	7	61 to 70
B (Average)	6	56 to 60
C (Satisfactory)	5	50 to 55
U (Reappearance)	0	< 50
SA (Shortage of Attendance)	0	-
WD (Withdrawal)	0	-

16.2 The grades "S", "A+", "A", "B+", "B", "C+", "C" obtained for the credit course shall figure in the Mark sheet under the title "Credit Courses". The other grades U, SA will not figure in the mark sheet.



PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE- 638 052