



NRI INSTITUTE OF TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE, New Delhi : : Permanent Affiliation to JNTUK, Kakinada
Accredited by NBA (CSE, ECE & EEE), Accredited by NAAC with A-Grade
ISO 9001: 2015 Certified Institution

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Dr. N.SAMBASIVA RAO

B.Tech.,M.Tech., Ph.D.

Controller of Examinations

Date : 27-08-2024

TO WHOM SO EVER IT MAY CONCERN

Dear Sir/Madam,

Sub:- Computation of CGPA and equivalent Percentage – Reg.

Ref:- B.Tech (NRIA20) Academic Regulations of NRI INSTITUTE OF TECHNOLOGY AGIRIPALLI

As per the B.Tech (NRIA20) academic regulations of NRI INSTITUTE TECHNOLOGY AGIRIPALLI, the following is the procedure for SGPA, CGPA and equivalent Percentage calculations.

a) Semester Grade Point Average (SGPA)* for semester

The performance of each student at the end of each semester is indicated in terms of SGPA. The SGPA is calculated as given below

$$\text{SGPA} = \frac{\sum(CR \times GP)}{\sum CR} \quad \text{for each semester.}$$

where CR = Credits of a course

GP = Grade Points awarded for a course

SGPA is calculated for a candidate who passed all the courses in that Semester.

b) Cumulative Grade Point Average (CGPA) for Entire Programme:

The CGPA is calculated as given below

$$\text{CGPA} = \frac{\sum(CR \times GP)}{\sum CR} \quad \text{for Entire Programme.}$$

where CR = Credits of a course

GP = Grade points awarded for a course

c) Conversion Formula for CGPA to Marks in Percentage

The approximate equivalence of marks to a given CGPA is calculated by using the formula:

$$\text{Percentage Equivalence of CGPA} = [\text{CGPA} - 0.75] \times 10$$

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27/8/2024

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