



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr           | Student Id                | Name                                         | Subject Code |    |       |    |     |    |   |    |                           |     | Subject Code |       |    |     |    |   |    |    |                   |    | Subject Code |    |     |    |    |    |    |     |                                      |       | Subject Code |     |    |   |    |    |            |        |             |  | CG  | Grade | SGPA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------|---------------------------|----------------------------------------------|--------------|----|-------|----|-----|----|---|----|---------------------------|-----|--------------|-------|----|-----|----|---|----|----|-------------------|----|--------------|----|-----|----|----|----|----|-----|--------------------------------------|-------|--------------|-----|----|---|----|----|------------|--------|-------------|--|-----|-------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| No           | Seat-No                   | ABC Id                                       | ESE          | IA | PR/OR | TW | TOT | CP | G | GP | CG                        | ESE | IA           | PR/OR | TW | TOT | CP | G | GP | CG | ESE               | IA | PR/OR        | TW | TOT | CP | G  | GP | CG | ESE | IA                                   | PR/OR | TW           | TOT | CP | G | GP | CG | Earn Cred. | Remark | Total Marks |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1            | 1313                      | /ABHYANKAR<br>JANHAVI<br>NANDKUMAR<br>VARSHA | ASBS121      |    |       |    |     |    |   |    |                           |     | ASBS114      |       |    |     |    |   |    |    |                   |    | ASES122      |    |     |    |    |    |    |     |                                      |       | CEPC121      |     |    |   |    |    |            |        |             |  | 142 | F     | -    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              | Ext24/60 Int16/40 TW10/25 |                                              |              |    |       |    |     |    |   |    | Ext24/60 Int16/40 TW10/25 |     |              |       |    |     |    |   |    |    | Ext24/60 Int16/40 |    |              |    |     |    |    |    |    |     | Ext24/60 Int16/40 PR/OR10/25 TW10/25 |       |              |     |    |   |    |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              | 15F                       |                                              | 16           | -  | 19    | 50 | 4   | F  | 0 | 0  | 37                        | 30  | -            | 24    | 91 | 3   | B+ | 7 | 21 | 46 | 35                | -  | -            | 81 | 2   | A+ | 9  | 18 | 31 | 27  | 16                                   | 23    | 97           | 3   | B+ | 7 | 21 |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              | ASES121                   |                                              |              |    |       |    |     |    |   |    | ASVSC122                  |     |              |       |    |     |    |   |    |    | ASVE111           |    |              |    |     |    |    |    |    |     | ASAE111                              |       |              |     |    |   |    |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              | PR/OR20/50 TW20/50        |                                              |              |    |       |    |     |    |   |    | PR/OR20/50 TW20/50        |     |              |       |    |     |    |   |    |    | TW20/50           |    |              |    |     |    |    |    |    |     | TW20/50                              |       |              |     |    |   |    |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              | B2201                     | -                                            | -            | 41 | 39    | 80 | 2   | A+ | 9 | 18 | -                         | -   | 38           | 40    | 78 | 2   | A  | 8 | 16 | -  | -                 | -  | 44           | 44 | 2   | O  | 10 | 20 | -  | -   | -                                    | 40    | 40           | 2   | A+ | 9 | 18 | 18 | FAIL       | 606    |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ASCC112      |                           |                                              |              |    |       |    |     |    |   |    |                           |     |              |       |    |     |    |   |    |    |                   |    |              |    |     |    |    |    |    |     |                                      |       |              |     |    |   |    |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TW20/50      |                           |                                              |              |    |       |    |     |    |   |    |                           |     |              |       |    |     |    |   |    |    |                   |    |              |    |     |    |    |    |    |     |                                      |       |              |     |    |   |    |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 649218213209 |                           |                                              | -            | -  | -     | 45 | 45  | 1  | O | 10 | 10                        |     |              |       |    |     |    |   |    |    |                   |    |              |    |     |    |    |    |    |     |                                      |       |              |     |    |   |    |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr No                               | Student Id         | Name                                    | Subject Code                         |    |       |    |     |    |    |    |    |      | Subject Code                         |       |    |     |    |    |    |    |      |    | Subject Code                 |    |     |    |    |    |    |     |    |       | Subject Code                                    |     |    |    |    |    |            |        |             |  | CG  | Grade | SGPA |  |  |  |  |  |
|-------------------------------------|--------------------|-----------------------------------------|--------------------------------------|----|-------|----|-----|----|----|----|----|------|--------------------------------------|-------|----|-----|----|----|----|----|------|----|------------------------------|----|-----|----|----|----|----|-----|----|-------|-------------------------------------------------|-----|----|----|----|----|------------|--------|-------------|--|-----|-------|------|--|--|--|--|--|
|                                     | Seat-No            | ABC Id                                  | ESE                                  | IA | PR/OR | TW | TOT | CP | G  | GP | CG | ESE  | IA                                   | PR/OR | TW | TOT | CP | G  | GP | CG | ESE  | IA | PR/OR                        | TW | TOT | CP | G  | GP | CG | ESE | IA | PR/OR | TW                                              | TOT | CP | G  | GP | CG | Earn Cred. | Remark | Total Marks |  |     |       |      |  |  |  |  |  |
| 4                                   | 1902               | /AHIRWAR ANJALI<br>BHARAT<br>RAJESHWARI | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |      | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |      |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |    |    |    |            |        |             |  | 148 | B+    | 7.05 |  |  |  |  |  |
|                                     | B2204              |                                         | 31                                   | 23 | -     | 18 | 72  | 4  | B  | 6  | 24 | 31   | 26                                   | -     | 18 | 75  | 3  | B  | 6  | 18 | 32@4 | 29 | -                            | -  | 65  | 2  | B+ | 7  | 14 | 29  | 22 | 15    | 17                                              | 83  | 3  | B  | 6  | 18 |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     |                    |                                         | ASES121<br>PR/OR20/50 TW20/50        |    |       |    |     |    |    |    |    |      | ASVSC122<br>PR/OR20/50 TW20/50       |       |    |     |    |    |    |    |      |    | ASVE111<br>TW20/50           |    |     |    |    |    |    |     |    |       | ASAE111<br>TW20/50                              |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     |                    |                                         | -                                    | -  | 40    | 36 | 76  | 2  | A  | 8  | 16 | -    | -                                    | 42    | 36 | 78  | 2  | A  | 8  | 16 | -    | -  | -                            | 42 | 42  | 2  | A+ | 9  | 18 | -   | -  | -     | 34                                              | 34  | 2  | B+ | 7  | 14 |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     | ASCC112<br>TW20/50 |                                         |                                      |    |       |    |     |    |    |    |    |      |                                      |       |    |     |    |    |    |    |      |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     |                    | 731263387062                            | -                                    | -  | -     | 43 | 43  | 1  | O  | 10 | 10 |      |                                      |       |    |     |    |    |    |    |      |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |
| Semester I: Cr Earned=16, SGPA=0    |                    |                                         | Semester II: Cr Earned=21, SGPA=7.05 |    |       |    |     |    |    |    |    |      |                                      |       |    |     |    |    |    |    |      |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |
| 5                                   | 1422               | /BUTTE<br>SHRAMAJIVI<br>SHANKAR DIPALI  | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |      | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |      |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |    |    |    |            |        |             |  | 160 | B+    | 7.62 |  |  |  |  |  |
|                                     | B2205              |                                         | 24                                   | 16 | -     | 20 | 60  | 4  | C  | 5  | 20 | 39   | 30                                   | -     | 22 | 91  | 3  | B+ | 7  | 21 | 48   | 32 | -                            | -  | 80  | 2  | A+ | 9  | 18 | 38  | 34 | 19    | 22                                              | 113 | 3  | A  | 8  | 24 |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     |                    |                                         | ASES121<br>PR/OR20/50 TW20/50        |    |       |    |     |    |    |    |    |      | ASVSC122<br>PR/OR20/50 TW20/50       |       |    |     |    |    |    |    |      |    | ASVE111<br>TW20/50           |    |     |    |    |    |    |     |    |       | ASAE111<br>TW20/50                              |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     |                    |                                         | -                                    | -  | 39    | 37 | 76  | 2  | A  | 8  | 16 | -    | -                                    | 42    | 39 | 81  | 2  | A+ | 9  | 18 | -    | -  | -                            | 43 | 43  | 2  | O  | 10 | 20 | -   | -  | -     | 41                                              | 41  | 2  | A+ | 9  | 18 |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     | ASCC112<br>TW20/50 |                                         |                                      |    |       |    |     |    |    |    |    |      |                                      |       |    |     |    |    |    |    |      |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     |                    | 410304826608                            | -                                    | -  | -     | 27 | 27  | 1  | C  | 5  | 5  |      |                                      |       |    |     |    |    |    |    |      |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |
| Semester I: Cr Earned=16, SGPA=0    |                    |                                         | Semester II: Cr Earned=21, SGPA=7.62 |    |       |    |     |    |    |    |    |      |                                      |       |    |     |    |    |    |    |      |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |
| 6                                   | 1557               | ATHRE<br>CHAITANYA<br>MILIND SHAILA     | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |      | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |      |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |    |    |    |            |        |             |  | 148 | B+    | 7.05 |  |  |  |  |  |
|                                     | B2206              |                                         | 28                                   | 24 | -     | 10 | 62  | 4  | C  | 5  | 20 | 30@5 | 29                                   | -     | 18 | 82  | 3  | B+ | 7  | 21 | 36@4 | 25 | -                            | -  | 65  | 2  | B+ | 7  | 14 | 28  | 23 | 16    | 20                                              | 87  | 3  | B  | 6  | 18 |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     |                    |                                         | ASES121<br>PR/OR20/50 TW20/50        |    |       |    |     |    |    |    |    |      | ASVSC122<br>PR/OR20/50 TW20/50       |       |    |     |    |    |    |    |      |    | ASVE111<br>TW20/50           |    |     |    |    |    |    |     |    |       | ASAE111<br>TW20/50                              |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     |                    |                                         | -                                    | -  | 40    | 35 | 75  | 2  | A  | 8  | 16 | -    | -                                    | 43    | 37 | 80  | 2  | A+ | 9  | 18 | -    | -  | -                            | 41 | 41  | 2  | A+ | 9  | 18 | -   | -  | -     | 33                                              | 33  | 2  | B+ | 7  | 14 |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     | ASCC112<br>TW20/50 |                                         |                                      |    |       |    |     |    |    |    |    |      |                                      |       |    |     |    |    |    |    |      |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |
|                                     |                    | 270231395991                            | -                                    | -  | -     | 42 | 42  | 1  | A+ | 9  | 9  |      |                                      |       |    |     |    |    |    |    |      |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |
| Semester I: Cr Earned=20, SGPA=6.50 |                    |                                         | Semester II: Cr Earned=21, SGPA=7.05 |    |       |    |     |    |    |    |    |      |                                      |       |    |     |    |    |    |    |      |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |  |  |  |  |  |



**Result Date: June 24, 2026**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                               |                                              |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------------------------------------------|
| ASBS121 - APPLIED MATHEMATICS-II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ASBS114 - ENERGY SCIENCE      | ASES122 - ENVIRONMENTAL SCIENCE FOR ENGINEER | CEPC121 - DATA STRUCTURE                        |
| ASES121 - ENGINEERING GRAPHICS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ASVSC122 - PYTHON PROGRAMMING | ASVE111 - UNIVERSAL HUMAN VALUES             | ASAE111 - PROFESSIONAL AND COMMUNICATION ETHICS |
| ASCC112 - CO CURRICULAR COURSE -2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |                                              |                                                 |
| Abbreviations: IA – Internal Assessment, TW – Term Work, ESE – End Semester Examination, OR – Oral, PR – Practical, SGPA – Semester Grade Point Average, CGPA – Cumulative Grade Point Average, @-5042/5043/5044, * - 5045, # - 0.229, ! - 0.6253, EX - Exemption, + - Carried Forward, F - Fail, AB - Absent, DA - Disallowed, CC - Copy Case, NA - Not Applicable, INT - Internal Assessment, EXT - External, TOT - Total Marks, CP - Credit Points, G - Grade, GP - Grade Points, CG - Credit x Grade, FC - Fail Count, v - Scale Down |                               |                                              |                                                 |
| Grade : O : 10.00-10.00, A+ : 9.00-9.99, A : 8.00-8.99, B+ : 7.00-7.99, B : 6.00-6.99, C : 5.00-5.99, D : 4.00-4.99, F : 0.00-3.99                                                                                                                                                                                                                                                                                                                                                                                                        |                               |                                              |                                                 |



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr                                  | Student Id   | Name                                       | Subject Code                         |    |       |    |     |    |    |    |    |                                | Subject Code                         |       |    |     |    |   |    |    |     |                    | Subject Code                 |    |     |    |    |    |    |     |    |                    | CG                                              | Grade | SGPA |   |    |    |            |        |             |  |     |   |      |
|-------------------------------------|--------------|--------------------------------------------|--------------------------------------|----|-------|----|-----|----|----|----|----|--------------------------------|--------------------------------------|-------|----|-----|----|---|----|----|-----|--------------------|------------------------------|----|-----|----|----|----|----|-----|----|--------------------|-------------------------------------------------|-------|------|---|----|----|------------|--------|-------------|--|-----|---|------|
| No                                  | Seat-No      | ABC Id                                     | ESE                                  | IA | PR/OR | TW | TOT | CP | G  | GP | CG | ESE                            | IA                                   | PR/OR | TW | TOT | CP | G | GP | CG | ESE | IA                 | PR/OR                        | TW | TOT | CP | G  | GP | CG | ESE | IA | PR/OR              | TW                                              | TOT   | CP   | G | GP | CG | Earn Cred. | Remark | Total Marks |  |     |   |      |
| 10                                  | 1421         | BALWANTRAO<br>YOGESH VILAS<br>VAISHALI     | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |     |                    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |                    | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |       |      |   |    |    |            |        |             |  | 125 | F | -    |
|                                     | B2210        | 11F                                        | 16                                   | -  | 18    | 45 | 4   | F  | 0  | 0  | 27 | 28                             | -                                    | 21    | 76 | 3   | B  | 6 | 18 | 42 | 30  | -                  | -                            | 72 | 2   | B+ | 7  | 14 | 24 | 18  | 16 | 18                 | 76                                              | 3     | C    | 5 | 15 |    |            |        |             |  |     |   |      |
|                                     |              | ASES121<br>PR/OR20/50 TW20/50              |                                      |    |       |    |     |    |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |       |    |     |    |   |    |    |     | ASVE111<br>TW20/50 |                              |    |     |    |    |    |    |     |    | ASAE111<br>TW20/50 |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |
|                                     |              | -                                          | -                                    | 40 | 36    | 76 | 2   | A  | 8  | 16 | -  | -                              | 43                                   | 39    | 82 | 2   | A+ | 9 | 18 | -  | -   | -                  | 43                           | 43 | 2   | O  | 10 | 20 | -  | -   | -  | 33                 | 33                                              | 2     | B+   | 7 | 14 | 18 | FAIL       | 547    |             |  |     |   |      |
|                                     |              | ASCC112<br>TW20/50                         |                                      |    |       |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |
|                                     | 315724186317 | -                                          | -                                    | -  | 44    | 44 | 1   | O  | 10 | 10 |    |                                |                                      |       |    |     |    |   |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |
| Semester I: Cr Earned=17, SGPA=0    |              |                                            | Semester II: Cr Earned=18, SGPA=0    |    |       |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |
| 11                                  | 1459         | /BHALERAO DIVYA<br>RAJESH CHHAYA           | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |     |                    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |                    | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |       |      |   |    |    |            |        |             |  | 132 | F | -    |
|                                     | B2211        | 14F                                        | 16                                   | -  | 20    | 50 | 4   | F  | 0  | 0  | 24 | 27                             | -                                    | 20    | 71 | 3   | B  | 6 | 18 | 44 | 27  | -                  | -                            | 71 | 2   | B+ | 7  | 14 | 33 | 25  | 16 | 19                 | 93                                              | 3     | B    | 6 | 18 |    |            |        |             |  |     |   |      |
|                                     |              | ASES121<br>PR/OR20/50 TW20/50              |                                      |    |       |    |     |    |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |       |    |     |    |   |    |    |     | ASVE111<br>TW20/50 |                              |    |     |    |    |    |    |     |    | ASAE111<br>TW20/50 |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |
|                                     |              | -                                          | -                                    | 41 | 40    | 81 | 2   | A+ | 9  | 18 | -  | -                              | 38                                   | 41    | 79 | 2   | A  | 8 | 16 | -  | -   | -                  | 45                           | 45 | 2   | O  | 10 | 20 | -  | -   | -  | 40                 | 40                                              | 2     | A+   | 9 | 18 | 18 | FAIL       | 576    |             |  |     |   |      |
|                                     |              | ASCC112<br>TW20/50                         |                                      |    |       |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |
|                                     | 468800573867 | -                                          | -                                    | -  | 46    | 46 | 1   | O  | 10 | 10 |    |                                |                                      |       |    |     |    |   |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |
| Semester I: Cr Earned=13, SGPA=0    |              |                                            | Semester II: Cr Earned=18, SGPA=0    |    |       |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |
| 12                                  | 1525         | /BHANDARY<br>TANUSHA<br>MANMOHAN<br>SAVITA | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |     |                    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |                    | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |       |      |   |    |    |            |        |             |  | 171 | A | 8.14 |
|                                     | B2212        | 33                                         | 22                                   | -  | 20    | 75 | 4   | B  | 6  | 24 | 46 | 32                             | -                                    | 20    | 98 | 3   | A  | 8 | 24 | 48 | 31  | -                  | -                            | 79 | 2   | A  | 8  | 16 | 39 | 29  | 24 | 22                 | 114                                             | 3     | A    | 8 | 24 |    |            |        |             |  |     |   |      |
|                                     |              | ASES121<br>PR/OR20/50 TW20/50              |                                      |    |       |    |     |    |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |       |    |     |    |   |    |    |     | ASVE111<br>TW20/50 |                              |    |     |    |    |    |    |     |    | ASAE111<br>TW20/50 |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |
|                                     |              | -                                          | -                                    | 42 | 42    | 84 | 2   | A+ | 9  | 18 | -  | -                              | 44                                   | 40    | 84 | 2   | A+ | 9 | 18 | -  | -   | -                  | 44                           | 44 | 2   | O  | 10 | 20 | -  | -   | -  | 42                 | 42                                              | 2     | A+   | 9 | 18 | 21 | PASS       | 662    |             |  |     |   |      |
|                                     |              | ASCC112<br>TW20/50                         |                                      |    |       |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |
|                                     | 68010783925  | -                                          | -                                    | -  | 42    | 42 | 1   | A+ | 9  | 9  |    |                                |                                      |       |    |     |    |   |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |
| Semester I: Cr Earned=20, SGPA=8.35 |              |                                            | Semester II: Cr Earned=21, SGPA=8.14 |    |       |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |       |      |   |    |    |            |        |             |  |     |   |      |

ASBS121 - APPLIED MATHEMATICS-II  
ASES121 - ENGINEERING GRAPHICS  
ASCC112 - CO CURRICULAR COURSE -2

ASBS114 - ENERGY SCIENCE  
ASVSC122 - PYTHON PROGRAMMING

ASES122 - ENVIRONMENTAL SCIENCE FOR ENGINEER  
ASVE111 - UNIVERSAL HUMAN VALUES

CEPC121 - DATA STRUCTURE  
ASAE111 - PROFESSIONAL AND COMMUNICATION ETHICS

Abbreviations: IA – Internal Assessment, TW – Term Work, ESE – End Semester Examination, OR – Oral, PR – Practical, SGPA – Semester Grade Point Average, CGPA – Cumulative Grade Point Average, @-5042/5043/5044, \* - 5045, # - O.229, ! - O.6253, EX - Exemption, + - Carried Forward, F - Fail, AB - Absent, DA - Disallowed, CC - Copy Case, NA - Not Applicable, INT - Internal Assessment, EXT - External, TOT - Total Marks, CP - Credit Points, G - Grade, GP - Grade Points, CG - Credit x Grade, FC - Fail Count, v - Scale Down

Grade : O : 10.00-10.00, A+ : 9.00-9.99, A : 8.00-8.99, B+ : 7.00-7.99, B : 6.00-6.99, C : 5.00-5.99, D : 4.00-4.99, F : 0.00-3.99

Principal

Entered by

Checked by

Controller of Examination

Page 4/21 (24/06/2026 12:19 PM)



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr No                               | Student Id | Name               | Subject Code                         |    |       |    |     |    |    |    |    |                    | Subject Code              |       |    |     |    |    |    |    |     |         | Subject Code      |    |     |    |    |    |    |     |    |         | Subject Code                         |     |    |    |    |    |            |                |             |  | CG  | Grade | SGPA |
|-------------------------------------|------------|--------------------|--------------------------------------|----|-------|----|-----|----|----|----|----|--------------------|---------------------------|-------|----|-----|----|----|----|----|-----|---------|-------------------|----|-----|----|----|----|----|-----|----|---------|--------------------------------------|-----|----|----|----|----|------------|----------------|-------------|--|-----|-------|------|
|                                     | Seat-No    | ABC Id             | ESE                                  | IA | PR/OR | TW | TOT | CP | G  | GP | CG | ESE                | IA                        | PR/OR | TW | TOT | CP | G  | GP | CG | ESE | IA      | PR/OR             | TW | TOT | CP | G  | GP | CG | ESE | IA | PR/OR   | TW                                   | TOT | CP | G  | GP | CG | Earn Cred. | Remark         | Total Marks |  |     |       |      |
| 13                                  | 1592       | BHANUSHALI         | ASBS121                              |    |       |    |     |    |    |    |    |                    | ASBS114                   |       |    |     |    |    |    |    |     |         | ASES122           |    |     |    |    |    |    |     |    |         | CEPC121                              |     |    |    |    |    |            |                |             |  | 159 | B+    | 7.57 |
|                                     |            | AAYUSH JAYESH      | Ext24/60 Int16/40 TW10/25            |    |       |    |     |    |    |    |    |                    | Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |     |         | Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |         | Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            | JYOTSNA            | 21*3                                 | 30 | -     | 21 | 75  | 4  | B  | 6  | 24 | 31                 | 26                        | -     | 20 | 77  | 3  | B  | 6  | 18 | 32  | 27      | -                 | -  | 59  | 2  | B  | 6  | 12 | 30  | 30 | 21      | 23                                   | 104 | 3  | B+ | 7  | 21 |            |                |             |  |     |       |      |
|                                     | B2213      | ASES121            |                                      |    |       |    |     |    |    |    |    | ASVSC122           |                           |       |    |     |    |    |    |    |     | ASVE111 |                   |    |     |    |    |    |    |     |    | ASAE111 |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            | PR/OR20/50 TW20/50 |                                      |    |       |    |     |    |    |    |    | PR/OR20/50 TW20/50 |                           |       |    |     |    |    |    |    |     | TW20/50 |                   |    |     |    |    |    |    |     |    | TW20/50 |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            |                    | -                                    | -  | 40    | 43 | 83  | 2  | A+ | 9  | 18 | -                  | -                         | 44    | 44 | 88  | 2  | O  | 10 | 20 | -   | -       | -                 | 42 | 42  | 2  | A+ | 9  | 18 | -   | -  | -       | 41                                   | 41  | 2  | A+ | 9  | 18 | 21         | PASS by 0.5045 | 612         |  |     |       |      |
|                                     |            |                    | ASCC112                              |    |       |    |     |    |    |    |    |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            |                    | TW20/50                              |    |       |    |     |    |    |    |    |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            | 800028757960       | -                                    | -  | -     | 43 | 43  | 1  | O  | 10 | 10 |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
| Semester I: Cr Earned=20, SGPA=7.05 |            |                    | Semester II: Cr Earned=21, SGPA=7.57 |    |       |    |     |    |    |    |    |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
| 14                                  | 1511       | /BHOIR ARYA        | ASBS121                              |    |       |    |     |    |    |    |    |                    | ASBS114                   |       |    |     |    |    |    |    |     |         | ASES122           |    |     |    |    |    |    |     |    |         | CEPC121                              |     |    |    |    |    |            |                |             |  | 102 | F     | -    |
|                                     |            | CHANDRAKANT        | Ext24/60 Int16/40 TW10/25            |    |       |    |     |    |    |    |    |                    | Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |     |         | Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |         | Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            | SHRUTI             | 12F                                  | 16 | -     | 19 | 47  | 4  | F  | 0  | 0  | 0F                 | 27                        | -     | 21 | 48  | 3  | F  | 0  | 0  | 45  | 26      | -                 | -  | 71  | 2  | B+ | 7  | 14 | 24  | 22 | 15      | 18                                   | 79  | 3  | C  | 5  | 15 |            |                |             |  |     |       |      |
|                                     | B2214      | ASES121            |                                      |    |       |    |     |    |    |    |    | ASVSC122           |                           |       |    |     |    |    |    |    |     | ASVE111 |                   |    |     |    |    |    |    |     |    | ASAE111 |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            | PR/OR20/50 TW20/50 |                                      |    |       |    |     |    |    |    |    | PR/OR20/50 TW20/50 |                           |       |    |     |    |    |    |    |     | TW20/50 |                   |    |     |    |    |    |    |     |    | TW20/50 |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            |                    | -                                    | -  | 39    | 39 | 78  | 2  | A  | 8  | 16 | -                  | -                         | 39    | 38 | 77  | 2  | A  | 8  | 16 | -   | -       | -                 | 39 | 39  | 2  | A  | 8  | 16 | -   | -  | -       | 39                                   | 39  | 2  | A  | 8  | 16 | 16         | FAIL           | 518         |  |     |       |      |
|                                     |            |                    | ASCC112                              |    |       |    |     |    |    |    |    |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            |                    | TW20/50                              |    |       |    |     |    |    |    |    |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            | 369503337229       | -                                    | -  | -     | 40 | 40  | 1  | A+ | 9  | 9  |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
| Semester I: Cr Earned=13, SGPA=0    |            |                    | Semester II: Cr Earned=16, SGPA=0    |    |       |    |     |    |    |    |    |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
| 15                                  | 1559       | /BHOIR SHRAVANI    | ASBS121                              |    |       |    |     |    |    |    |    |                    | ASBS114                   |       |    |     |    |    |    |    |     |         | ASES122           |    |     |    |    |    |    |     |    |         | CEPC121                              |     |    |    |    |    |            |                |             |  | 155 | B+    | 7.38 |
|                                     |            | YOGESH             | Ext24/60 Int16/40 TW10/25            |    |       |    |     |    |    |    |    |                    | Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |     |         | Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |         | Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            | MANJUSHA           | 24                                   | 20 | -     | 18 | 62  | 4  | C  | 5  | 20 | 40                 | 25                        | -     | 18 | 83  | 3  | B+ | 7  | 21 | 45  | 29      | -                 | -  | 74  | 2  | B+ | 7  | 14 | 32  | 18 | 16      | 19                                   | 85  | 3  | B  | 6  | 18 |            |                |             |  |     |       |      |
|                                     | B2215      | ASES121            |                                      |    |       |    |     |    |    |    |    | ASVSC122           |                           |       |    |     |    |    |    |    |     | ASVE111 |                   |    |     |    |    |    |    |     |    | ASAE111 |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            | PR/OR20/50 TW20/50 |                                      |    |       |    |     |    |    |    |    | PR/OR20/50 TW20/50 |                           |       |    |     |    |    |    |    |     | TW20/50 |                   |    |     |    |    |    |    |     |    | TW20/50 |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            |                    | -                                    | -  | 39    | 36 | 75  | 2  | A  | 8  | 16 | -                  | -                         | 42    | 38 | 80  | 2  | A+ | 9  | 18 | -   | -       | -                 | 43 | 43  | 2  | O  | 10 | 20 | -   | -  | -       | 40                                   | 40  | 2  | A+ | 9  | 18 | 21         | PASS           | 586         |  |     |       |      |
|                                     |            |                    | ASCC112                              |    |       |    |     |    |    |    |    |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            |                    | TW20/50                              |    |       |    |     |    |    |    |    |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
|                                     |            | 699601877566       | -                                    | -  | -     | 44 | 44  | 1  | O  | 10 | 10 |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |
| Semester I: Cr Earned=20, SGPA=6.70 |            |                    | Semester II: Cr Earned=21, SGPA=7.38 |    |       |    |     |    |    |    |    |                    |                           |       |    |     |    |    |    |    |     |         |                   |    |     |    |    |    |    |     |    |         |                                      |     |    |    |    |    |            |                |             |  |     |       |      |



**Result Date: June 24, 2026**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                               |                                              |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------------------------------------------|
| ASBS121 - APPLIED MATHEMATICS-II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ASBS114 - ENERGY SCIENCE      | ASES122 - ENVIRONMENTAL SCIENCE FOR ENGINEER | CEPC121 - DATA STRUCTURE                        |
| ASES121 - ENGINEERING GRAPHICS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ASVSC122 - PYTHON PROGRAMMING | ASVE111 - UNIVERSAL HUMAN VALUES             | ASAE111 - PROFESSIONAL AND COMMUNICATION ETHICS |
| ASCC112 - CO CURRICULAR COURSE -2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |                                              |                                                 |
| Abbreviations: IA – Internal Assessment, TW – Term Work, ESE – End Semester Examination, OR – Oral, PR – Practical, SGPA – Semester Grade Point Average, CGPA – Cumulative Grade Point Average, @-5042/5043/5044, * - 5045, # - 0.229, ! - 0.6253, EX - Exemption, + - Carried Forward, F - Fail, AB - Absent, DA - Disallowed, CC - Copy Case, NA - Not Applicable, INT - Internal Assessment, EXT - External, TOT - Total Marks, CP - Credit Points, G - Grade, GP - Grade Points, CG - Credit x Grade, FC - Fail Count, v - Scale Down |                               |                                              |                                                 |
| Grade : O : 10.00-10.00, A+ : 9.00-9.99, A : 8.00-8.99, B+ : 7.00-7.99, B : 6.00-6.99, C : 5.00-5.99, D : 4.00-4.99, F : 0.00-3.99                                                                                                                                                                                                                                                                                                                                                                                                        |                               |                                              |                                                 |



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr                                  | Student Id | Name                                      | Subject Code                         |    |       |    |     |    |    |    |    |     | Subject Code                         |       |    |     |    |    |    |    |     |    | Subject Code                 |    |     |    |    |    |    |     |    |       | Subject Code                                    |     |    |    |    |    |            |        |             |  | CG  | Grade | SGPA |
|-------------------------------------|------------|-------------------------------------------|--------------------------------------|----|-------|----|-----|----|----|----|----|-----|--------------------------------------|-------|----|-----|----|----|----|----|-----|----|------------------------------|----|-----|----|----|----|----|-----|----|-------|-------------------------------------------------|-----|----|----|----|----|------------|--------|-------------|--|-----|-------|------|
| No                                  | Seat-No    | ABC Id                                    | ESE                                  | IA | PR/OR | TW | TOT | CP | G  | GP | CG | ESE | IA                                   | PR/OR | TW | TOT | CP | G  | GP | CG | ESE | IA | PR/OR                        | TW | TOT | CP | G  | GP | CG | ESE | IA | PR/OR | TW                                              | TOT | CP | G  | GP | CG | Earn Cred. | Remark | Total Marks |  |     |       |      |
| 19                                  | 1651       | BORA JAGANNATH<br>RAGHUNATH<br>GEETANJALI | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |     |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |    |    |    |            |        |             |  | 128 | F     | -    |
|                                     | B2219      |                                           | 17F                                  | 16 | -     | 20 | 53  | 4  | F  | 0  | 0  | 41  | 20                                   | -     | 20 | 81  | 3  | B+ | 7  | 21 | 36  | 28 | -                            | -  | 64  | 2  | B  | 6  | 12 | 32  | 31 | 19    | 18                                              | 100 | 3  | B+ | 7  | 21 |            |        |             |  |     |       |      |
|                                     |            |                                           | ASES121<br>PR/OR20/50 TW20/50        |    |       |    |     |    |    |    |    |     | ASVSC122<br>PR/OR20/50 TW20/50       |       |    |     |    |    |    |    |     |    | ASVE111<br>TW20/50           |    |     |    |    |    |    |     |    |       | ASAE111<br>TW20/50                              |     |    |    |    |    |            |        |             |  |     |       |      |
|                                     |            |                                           | -                                    | -  | 41    | 40 | 81  | 2  | A+ | 9  | 18 | -   | -                                    | 44    | 44 | 88  | 2  | O  | 10 | 20 | -   | -  | -                            | 39 | 39  | 2  | A  | 8  | 16 | -   | -  | -     | 34                                              | 34  | 2  | B+ | 7  | 14 | 18         | FAIL   | 571         |  |     |       |      |
|                                     |            |                                           | ASCC112<br>TW20/50                   |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |
|                                     |            |                                           |                                      |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |
|                                     |            | 393880166141                              |                                      | -  | -     | -  | 31  | 31 | 1  | B  | 6  | 6   |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |
| Semester I: Cr Earned=20, SGPA=7.85 |            |                                           | Semester II: Cr Earned=18, SGPA=0    |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |
| 20                                  | 1397       | /BUCHKE DIKSHA<br>SACHIN SHEETAL          | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |     |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |    |    |    |            |        |             |  | 170 | A     | 8.10 |
|                                     | B2220      |                                           | 33                                   | 27 | -     | 23 | 83  | 4  | B+ | 7  | 28 | 32  | 33                                   | -     | 22 | 87  | 3  | B+ | 7  | 21 | 41  | 28 | -                            | -  | 69  | 2  | B+ | 7  | 14 | 36  | 29 | 20    | 22                                              | 107 | 3  | B+ | 7  | 21 |            |        |             |  |     |       |      |
|                                     |            |                                           | ASES121<br>PR/OR20/50 TW20/50        |    |       |    |     |    |    |    |    |     | ASVSC122<br>PR/OR20/50 TW20/50       |       |    |     |    |    |    |    |     |    | ASVE111<br>TW20/50           |    |     |    |    |    |    |     |    |       | ASAE111<br>TW20/50                              |     |    |    |    |    |            |        |             |  |     |       |      |
|                                     |            |                                           | -                                    | -  | 41    | 40 | 81  | 2  | A+ | 9  | 18 | -   | -                                    | 43    | 46 | 89  | 2  | O  | 10 | 20 | -   | -  | -                            | 44 | 44  | 2  | O  | 10 | 20 | -   | -  | -     | 42                                              | 42  | 2  | A+ | 9  | 18 | 21         | PASS   | 647         |  |     |       |      |
|                                     |            |                                           | ASCC112<br>TW20/50                   |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |
|                                     |            |                                           |                                      |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |
|                                     |            | 930234000373                              |                                      | -  | -     | -  | 45  | 45 | 1  | O  | 10 | 10  |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |
| Semester I: Cr Earned=20, SGPA=7.20 |            |                                           | Semester II: Cr Earned=21, SGPA=8.10 |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |
| 21                                  | 1562       | /CHAUDHARI<br>LAVANYA KISHOR<br>SANGEETA  | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |     |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |    |    |    |            |        |             |  | 171 | A     | 8.14 |
|                                     | B2221      |                                           | 36                                   | 25 | -     | 21 | 82  | 4  | B+ | 7  | 28 | 27  | 29                                   | -     | 22 | 78  | 3  | B  | 6  | 18 | 55  | 34 | -                            | -  | 89  | 2  | O  | 10 | 20 | 51  | 33 | 20    | 20                                              | 124 | 3  | A+ | 9  | 27 |            |        |             |  |     |       |      |
|                                     |            |                                           | ASES121<br>PR/OR20/50 TW20/50        |    |       |    |     |    |    |    |    |     | ASVSC122<br>PR/OR20/50 TW20/50       |       |    |     |    |    |    |    |     |    | ASVE111<br>TW20/50           |    |     |    |    |    |    |     |    |       | ASAE111<br>TW20/50                              |     |    |    |    |    |            |        |             |  |     |       |      |
|                                     |            |                                           | -                                    | -  | 40    | 39 | 79  | 2  | A  | 8  | 16 | -   | -                                    | 42    | 36 | 78  | 2  | A  | 8  | 16 | -   | -  | -                            | 43 | 43  | 2  | O  | 10 | 20 | -   | -  | -     | 38                                              | 38  | 2  | A  | 8  | 16 | 21         | PASS   | 655         |  |     |       |      |
|                                     |            |                                           | ASCC112<br>TW20/50                   |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |
|                                     |            |                                           |                                      |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |
|                                     |            | 737119948556                              |                                      | -  | -     | -  | 44  | 44 | 1  | O  | 10 | 10  |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |
| Semester I: Cr Earned=20, SGPA=7.90 |            |                                           | Semester II: Cr Earned=21, SGPA=8.14 |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |    |    |    |    |            |        |             |  |     |       |      |



**Result Date: June 24, 2026**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                               |                                              |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------------------------------------------|
| ASBS121 - APPLIED MATHEMATICS-II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ASBS114 - ENERGY SCIENCE      | ASES122 - ENVIRONMENTAL SCIENCE FOR ENGINEER | CEPC121 - DATA STRUCTURE                        |
| ASES121 - ENGINEERING GRAPHICS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ASVSC122 - PYTHON PROGRAMMING | ASVE111 - UNIVERSAL HUMAN VALUES             | ASAE111 - PROFESSIONAL AND COMMUNICATION ETHICS |
| ASCC112 - CO CURRICULAR COURSE -2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |                                              |                                                 |
| Abbreviations: IA – Internal Assessment, TW – Term Work, ESE – End Semester Examination, OR – Oral, PR – Practical, SGPA – Semester Grade Point Average, CGPA – Cumulative Grade Point Average, @-5042/5043/5044, * - 5045, # - 0.229, ! - 0.6253, EX - Exemption, + - Carried Forward, F - Fail, AB - Absent, DA - Disallowed, CC - Copy Case, NA - Not Applicable, INT - Internal Assessment, EXT - External, TOT - Total Marks, CP - Credit Points, G - Grade, GP - Grade Points, CG - Credit x Grade, FC - Fail Count, v - Scale Down |                               |                                              |                                                 |
| Grade : O : 10.00-10.00, A+ : 9.00-9.99, A : 8.00-8.99, B+ : 7.00-7.99, B : 6.00-6.99, C : 5.00-5.99, D : 4.00-4.99, F : 0.00-3.99                                                                                                                                                                                                                                                                                                                                                                                                        |                               |                                              |                                                 |



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr                                  | Student Id                    | Name                                    | Subject Code                         |                    |                                      |    |     |    |    |    |                                |     | Subject Code                         |       |    |     |    |   |    |    |                    |    | Subject Code                 |    |     |    |    |    |    |     |                    |       | CG                                              |     | Grade | SGPA |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|-------------------------------------|-------------------------------|-----------------------------------------|--------------------------------------|--------------------|--------------------------------------|----|-----|----|----|----|--------------------------------|-----|--------------------------------------|-------|----|-----|----|---|----|----|--------------------|----|------------------------------|----|-----|----|----|----|----|-----|--------------------|-------|-------------------------------------------------|-----|-------|------|----|----|------------|--------|-------------|--|-----|---|------|--|--|--|--|--|--|--|--|--|
| No                                  | Seat-No                       | ABC Id                                  | ESE                                  | IA                 | PR/OR                                | TW | TOT | CP | G  | GP | CG                             | ESE | IA                                   | PR/OR | TW | TOT | CP | G | GP | CG | ESE                | IA | PR/OR                        | TW | TOT | CP | G  | GP | CG | ESE | IA                 | PR/OR | TW                                              | TOT | CP    | G    | GP | CG | Earn Cred. | Remark | Total Marks |  |     |   |      |  |  |  |  |  |  |  |  |  |
| 25                                  | 1824                          | /CHAVARE SHRAVANI DATTATRAY SARIKA      | ASBS121<br>Ext24/60 Int16/40 TW10/25 |                    |                                      |    |     |    |    |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |  | 131 | F | -    |  |  |  |  |  |  |  |  |  |
|                                     | 8F                            |                                         | 11F                                  | -                  | 18                                   | 37 | 4   | F  | 0  | 0  | 31                             | 24  | -                                    | 20    | 75 | 3   | B  | 6 | 18 | 44 | 34                 | -  | -                            | 78 | 2   | A  | 8  | 16 | 28 | 20  | 19                 | 18    | 85                                              | 3   | B     | 6    | 18 |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     | ASES121<br>PR/OR20/50 TW20/50 |                                         |                                      |                    |                                      |    |     |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |    |    | ASVE111<br>TW20/50 |    |                              |    |     |    |    |    |    |     | ASAE111<br>TW20/50 |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     | -                             |                                         | -                                    | 39                 | 39                                   | 78 | 2   | A  | 8  | 16 | -                              | -   | 40                                   | 40    | 80 | 2   | A+ | 9 | 18 | -  | -                  | -  | 44                           | 44 | 2   | O  | 10 | 20 | -  | -   | -                  | 41    | 41                                              | 2   | A+    | 9    | 18 |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     |                               |                                         |                                      | ASCC112<br>TW20/50 |                                      |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     | 672007                        |                                         | -                                    | -                  | -                                    | 37 | 37  | 1  | B+ | 7  | 7                              |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
| Semester I: Cr Earned=13, SGPA=0    |                               |                                         |                                      |                    | Semester II: Cr Earned=18, SGPA=0    |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
| 26                                  | 1710                          | LAXMINARAYANA CHERIYALA SAIKRISHNA VANI | ASBS121<br>Ext24/60 Int16/40 TW10/25 |                    |                                      |    |     |    |    |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |  | 94  | F | -    |  |  |  |  |  |  |  |  |  |
|                                     | 12F                           |                                         | 11F                                  | -                  | 19                                   | 42 | 4   | F  | 0  | 0  | 24                             | 16  | -                                    | 19    | 59 | 3   | C  | 5 | 15 | 24 | 17                 | -  | -                            | 41 | 2   | P  | 4  | 8  | 27 | 12F | 16                 | 15    | 70                                              | 3   | F     | 0    | 0  |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     | ASES121<br>PR/OR20/50 TW20/50 |                                         |                                      |                    |                                      |    |     |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |    |    | ASVE111<br>TW20/50 |    |                              |    |     |    |    |    |    |     | ASAE111<br>TW20/50 |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     | -                             |                                         | -                                    | 38                 | 34                                   | 72 | 2   | B+ | 7  | 14 | -                              | -   | 42                                   | 34    | 76 | 2   | A  | 8 | 16 | -  | -                  | -  | 41                           | 41 | 2   | A+ | 9  | 18 | -  | -   | -                  | 35    | 35                                              | 2   | B+    | 7    | 14 |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     |                               |                                         |                                      | ASCC112<br>TW20/50 |                                      |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     | 252535223369                  |                                         | -                                    | -                  | -                                    | 42 | 42  | 1  | A+ | 9  | 9                              |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
| Semester I: Cr Earned=20, SGPA=6.50 |                               |                                         |                                      |                    | Semester II: Cr Earned=16, SGPA=0    |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
| 27                                  | 1566                          | CHOGLE NIRAJ RITESH SWATI               | ASBS121<br>Ext24/60 Int16/40 TW10/25 |                    |                                      |    |     |    |    |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |  | 143 | B | 6.81 |  |  |  |  |  |  |  |  |  |
|                                     | 20*4                          |                                         | 17                                   | -                  | 19                                   | 60 | 4   | C  | 5  | 20 | 33                             | 25  | -                                    | 20    | 78 | 3   | B  | 6 | 18 | 40 | 28                 | -  | -                            | 68 | 2   | B+ | 7  | 14 | 36 | 21  | 17                 | 17    | 91                                              | 3   | B     | 6    | 18 |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     | ASES121<br>PR/OR20/50 TW20/50 |                                         |                                      |                    |                                      |    |     |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |    |    | ASVE111<br>TW20/50 |    |                              |    |     |    |    |    |    |     | ASAE111<br>TW20/50 |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     | -                             |                                         | -                                    | 39                 | 39                                   | 78 | 2   | A  | 8  | 16 | -                              | -   | 42                                   | 33    | 75 | 2   | A  | 8 | 16 | -  | -                  | -  | 38                           | 38 | 2   | A  | 8  | 16 | -  | -   | -                  | 38    | 38                                              | 2   | A     | 8    | 16 |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     |                               |                                         |                                      | ASCC112<br>TW20/50 |                                      |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
|                                     | 178954588811                  |                                         | -                                    | -                  | -                                    | 40 | 40  | 1  | A+ | 9  | 9                              |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |
| Semester I: Cr Earned=20, SGPA=6.85 |                               |                                         |                                      |                    | Semester II: Cr Earned=21, SGPA=6.81 |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |       |      |    |    |            |        |             |  |     |   |      |  |  |  |  |  |  |  |  |  |



## Result Date: June 24, 2026

|                                   |                               |                                              |                                                 |
|-----------------------------------|-------------------------------|----------------------------------------------|-------------------------------------------------|
| ASBS121 - APPLIED MATHEMATICS-II  | ASBS114 - ENERGY SCIENCE      | ASES122 - ENVIRONMENTAL SCIENCE FOR ENGINEER | CEPC121 - DATA STRUCTURE                        |
| ASES121 - ENGINEERING GRAPHICS    | ASVSC122 - PYTHON PROGRAMMING | ASVE111 - UNIVERSAL HUMAN VALUES             | ASAE111 - PROFESSIONAL AND COMMUNICATION ETHICS |
| ASCC112 - CO CURRICULAR COURSE -2 |                               |                                              |                                                 |

Grade : O : 10.00-10.00, A+ : 9.00-9.99, A : 8.00-8.99, B+ : 7.00-7.99, B : 6.00-6.99, C : 5.00-5.99, D : 4.00-4.99, F : 0.00-3.99

Page 10/21 (24/06/2026 12:19 PM)



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr                                  | Student Id   | Name                                     | Subject Code                         |    |       |    |     |    |    |    |    |     | Subject Code                         |       |    |     |    |    |    |    |     |    | Subject Code                 |    |     |    |    |    |    |     |    |       | CG                                              |     | Grade | SGPA |    |    |            |        |             |  |     |    |      |
|-------------------------------------|--------------|------------------------------------------|--------------------------------------|----|-------|----|-----|----|----|----|----|-----|--------------------------------------|-------|----|-----|----|----|----|----|-----|----|------------------------------|----|-----|----|----|----|----|-----|----|-------|-------------------------------------------------|-----|-------|------|----|----|------------|--------|-------------|--|-----|----|------|
| No                                  | Seat-No      | ABC Id                                   | ESE                                  | IA | PR/OR | TW | TOT | CP | G  | GP | CG | ESE | IA                                   | PR/OR | TW | TOT | CP | G  | GP | CG | ESE | IA | PR/OR                        | TW | TOT | CP | G  | GP | CG | ESE | IA | PR/OR | TW                                              | TOT | CP    | G    | GP | CG | Earn Cred. | Remark | Total Marks |  |     |    |      |
| 31                                  | 1404         | DUBE ASHUTOSH<br>VIVEKKUMAR<br>MADHULIKA | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |     |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |  | 121 | F  | -    |
|                                     | B2231        |                                          | 4F                                   | 19 | -     | 20 | 43  | 4  | F  | 0  | 0  | 32  | 29                                   | -     | 20 | 81  | 3  | B+ | 7  | 21 | 36  | 34 | -                            | -  | 70  | 2  | B+ | 7  | 14 | 17F | 30 | 23    | 20                                              | 90  | 3     | F    | 0  | 0  |            |        |             |  |     |    |      |
|                                     |              |                                          | ASES121<br>PR/OR20/50 TW20/50        |    |       |    |     |    |    |    |    |     | ASVSC122<br>PR/OR20/50 TW20/50       |       |    |     |    |    |    |    |     |    | ASVE111<br>TW20/50           |    |     |    |    |    |    |     |    |       | ASAE111<br>TW20/50                              |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     |              |                                          | -                                    | -  | 40    | 42 | 82  | 2  | A+ | 9  | 18 | -   | -                                    | 44    | 45 | 89  | 2  | O  | 10 | 20 | -   | -  | -                            | 46 | 46  | 2  | O  | 10 | 20 | -   | -  | -     | 43                                              | 43  | 2     | O    | 10 | 20 | 16         | FAIL   | 582         |  |     |    |      |
|                                     |              |                                          | ASCC112<br>TW20/50                   |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     | 693530381960 |                                          | -                                    | -  | -     | 38 | 38  | 1  | A  | 8  | 8  |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
| Semester I: Cr Earned=13, SGPA=0    |              |                                          | Semester II: Cr Earned=16, SGPA=0    |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
| 32                                  | 1697         | /DUMRE KANAK<br>GAJANAN PRITI            | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |     |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |  | 110 | F  | -    |
|                                     | B2232        |                                          | 17F                                  | 16 | -     | 16 | 49  | 4  | F  | 0  | 0  | 11F | 25                                   | -     | 21 | 57  | 3  | F  | 0  | 0  | 39  | 32 | -                            | -  | 71  | 2  | B+ | 7  | 14 | 30  | 29 | 17    | 18                                              | 94  | 3     | B    | 6  | 18 |            |        |             |  |     |    |      |
|                                     |              |                                          | ASES121<br>PR/OR20/50 TW20/50        |    |       |    |     |    |    |    |    |     | ASVSC122<br>PR/OR20/50 TW20/50       |       |    |     |    |    |    |    |     |    | ASVE111<br>TW20/50           |    |     |    |    |    |    |     |    |       | ASAE111<br>TW20/50                              |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     |              |                                          | -                                    | -  | 42    | 39 | 81  | 2  | A+ | 9  | 18 | -   | -                                    | 43    | 38 | 81  | 2  | A+ | 9  | 18 | -   | -  | -                            | 46 | 46  | 2  | O  | 10 | 20 | -   | -  | -     | 35                                              | 35  | 2     | B+   | 7  | 14 | 16         | FAIL   | 552         |  |     |    |      |
|                                     |              |                                          | ASCC112<br>TW20/50                   |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     | 160448522091 |                                          | -                                    | -  | -     | 38 | 38  | 1  | A  | 8  | 8  |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
| Semester I: Cr Earned=20, SGPA=6.70 |              |                                          | Semester II: Cr Earned=16, SGPA=0    |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
| 33                                  | 1550         | GADGE ROHAN<br>RAJESH SEEMA              | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |    |     |    |    |    |    |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |     |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |  | 164 | B+ | 7.81 |
|                                     | B2233        |                                          | 25                                   | 17 | -     | 21 | 63  | 4  | C  | 5  | 20 | 32  | 26                                   | -     | 21 | 79  | 3  | B  | 6  | 18 | 51  | 34 | -                            | -  | 85  | 2  | O  | 10 | 20 | 25  | 34 | 21    | 23                                              | 103 | 3     | B+   | 7  | 21 |            |        |             |  |     |    |      |
|                                     |              |                                          | ASES121<br>PR/OR20/50 TW20/50        |    |       |    |     |    |    |    |    |     | ASVSC122<br>PR/OR20/50 TW20/50       |       |    |     |    |    |    |    |     |    | ASVE111<br>TW20/50           |    |     |    |    |    |    |     |    |       | ASAE111<br>TW20/50                              |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     |              |                                          | -                                    | -  | 40    | 43 | 83  | 2  | A+ | 9  | 18 | -   | -                                    | 44    | 47 | 91  | 2  | O  | 10 | 20 | -   | -  | -                            | 45 | 45  | 2  | O  | 10 | 20 | -   | -  | -     | 41                                              | 41  | 2     | A+   | 9  | 18 | 21         | PASS   | 630         |  |     |    |      |
|                                     |              |                                          | ASCC112<br>TW20/50                   |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     | 235648928452 |                                          | -                                    | -  | -     | 40 | 40  | 1  | A+ | 9  | 9  |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
| Semester I: Cr Earned=20, SGPA=7.20 |              |                                          | Semester II: Cr Earned=21, SGPA=7.81 |    |       |    |     |    |    |    |    |     |                                      |       |    |     |    |    |    |    |     |    |                              |    |     |    |    |    |    |     |    |       |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |

ASBS121 - APPLIED MATHEMATICS-II  
ASES121 - ENGINEERING GRAPHICS  
ASCC112 - CO CURRICULAR COURSE -2

ASBS114 - ENERGY SCIENCE  
ASVSC122 - PYTHON PROGRAMMING

ASES122 - ENVIRONMENTAL SCIENCE FOR ENGINEER  
ASVE111 - UNIVERSAL HUMAN VALUES

CEPC121 - DATA STRUCTURE  
ASAE111 - PROFESSIONAL AND COMMUNICATION ETHICS

Abbreviations: IA – Internal Assessment, TW – Term Work, ESE – End Semester Examination, OR – Oral, PR – Practical, SGPA – Semester Grade Point Average, CGPA – Cumulative Grade Point Average, @-5042/5043/5044, \* - 5045, # - O.229, ! - O.6253, EX - Exemption, + - Carried Forward, F - Fail, AB - Absent, DA - Disallowed, CC - Copy Case, NA - Not Applicable, INT - Internal Assessment, EXT - External, TOT - Total Marks, CP - Credit Points, G - Grade, GP - Grade Points, CG - Credit x Grade, FC - Fail Count, v - Scale Down

Grade : O : 10.00-10.00, A+ : 9.00-9.99, A : 8.00-8.99, B+ : 7.00-7.99, B : 6.00-6.99, C : 5.00-5.99, D : 4.00-4.99, F : 0.00-3.99

Principal

Entered by

Checked by

Controller of Examination

Page 11/21 (24/06/2026 12:19 PM)



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr                                  | Student Id      | Name                                | Subject Code                         |    |                                      |    |     |    |    |    |    |                                | Subject Code                         |       |     |     |    |    |    |    |     |                    | Subject Code                 |    |     |    |    |    |    |     |    |                    | CG                                              |     | Grade | SGPA |    |    |            |        |             |  |     |    |      |
|-------------------------------------|-----------------|-------------------------------------|--------------------------------------|----|--------------------------------------|----|-----|----|----|----|----|--------------------------------|--------------------------------------|-------|-----|-----|----|----|----|----|-----|--------------------|------------------------------|----|-----|----|----|----|----|-----|----|--------------------|-------------------------------------------------|-----|-------|------|----|----|------------|--------|-------------|--|-----|----|------|
| No                                  | Seat-No         | ABC Id                              | ESE                                  | IA | PR/OR                                | TW | TOT | CP | G  | GP | CG | ESE                            | IA                                   | PR/OR | TW  | TOT | CP | G  | GP | CG | ESE | IA                 | PR/OR                        | TW | TOT | CP | G  | GP | CG | ESE | IA | PR/OR              | TW                                              | TOT | CP    | G    | GP | CG | Earn Cred. | Remark | Total Marks |  |     |    |      |
| 34                                  | 1672            | GADHAVE ATHARV<br>ADHIK MANISHA     | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                      |    |     |    |    |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |     |     |    |    |    |    |     |                    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |                    | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |  | 131 | F  | -    |
|                                     | B2234           | 17F                                 | 19                                   | -  | 19                                   | 55 | 4   | F  | 0  | 0  | 38 | 28                             | -                                    | 21    | 87  | 3   | B+ | 7  | 21 | 52 | 31  | -                  | -                            | 83 | 2   | A+ | 9  | 18 | 40 | 23  | 17 | 17                 | 97                                              | 3   | B+    | 7    | 21 |    |            |        |             |  |     |    |      |
|                                     |                 | ASES121<br>PR/OR20/50 TW20/50       |                                      |    |                                      |    |     |    |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |       |     |     |    |    |    |    |     | ASVE111<br>TW20/50 |                              |    |     |    |    |    |    |     |    | ASAE111<br>TW20/50 |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     |                 | -                                   | -                                    | 39 | 39                                   | 78 | 2   | A  | 8  | 16 | -  | -                              | 40                                   | 36    | 76  | 2   | A  | 8  | 16 | -  | -   | -                  | 44                           | 44 | 2   | O  | 10 | 20 | -  | -   | -  | 37                 | 37                                              | 2   | B+    | 7    | 14 | 18 | FAIL       | 581    |             |  |     |    |      |
|                                     |                 | ASCC112<br>TW20/50                  |                                      |    |                                      |    |     |    |    |    |    |                                |                                      |       |     |     |    |    |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     | 785940026556    | -                                   | -                                    | -  | 24                                   | 24 | 1   | C  | 5  | 5  |    |                                |                                      |       |     |     |    |    |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
| Semester I: Cr Earned=20, SGPA=6.85 |                 |                                     |                                      |    | Semester II: Cr Earned=18, SGPA=0    |    |     |    |    |    |    |                                |                                      |       |     |     |    |    |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
| 35                                  | 1563            | GAJARE<br>ABHISHEK<br>GANESH SAVITA | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                      |    |     |    |    |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |     |     |    |    |    |    |     |                    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |                    | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |  | 131 | F  | -    |
|                                     | B2235           | 17F                                 | 27                                   | -  | 20                                   | 64 | 4   | F  | 0  | 0  | 31 | 30                             | -                                    | 20    | 81  | 3   | B+ | 7  | 21 | 27 | 30  | -                  | -                            | 57 | 2   | B  | 6  | 12 | 24 | 27  | 18 | 20                 | 89                                              | 3   | B     | 6    | 18 |    |            |        |             |  |     |    |      |
|                                     |                 | ASES121<br>PR/OR20/50 TW20/50       |                                      |    |                                      |    |     |    |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |       |     |     |    |    |    |    |     | ASVE111<br>TW20/50 |                              |    |     |    |    |    |    |     |    | ASAE111<br>TW20/50 |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     |                 | -                                   | -                                    | 38 | 36                                   | 74 | 2   | B+ | 7  | 14 | -  | -                              | 40                                   | 38    | 78  | 2   | A  | 8  | 16 | -  | -   | -                  | 47                           | 47 | 2   | O  | 10 | 20 | -  | -   | -  | 43                 | 43                                              | 2   | O     | 10   | 20 | 18 | FAIL       | 581    |             |  |     |    |      |
|                                     |                 | ASCC112<br>TW20/50                  |                                      |    |                                      |    |     |    |    |    |    |                                |                                      |       |     |     |    |    |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     | 008011100067219 | -                                   | -                                    | -  | 48                                   | 48 | 1   | O  | 10 | 10 |    |                                |                                      |       |     |     |    |    |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
| Semester I: Cr Earned=13, SGPA=0    |                 |                                     |                                      |    | Semester II: Cr Earned=18, SGPA=0    |    |     |    |    |    |    |                                |                                      |       |     |     |    |    |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
| 36                                  | 1808            | /GAYAKWAD<br>POOJA MAHADEV<br>ANITA | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                      |    |     |    |    |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |     |     |    |    |    |    |     |                    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |    |                    | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |  | 199 | A+ | 9.48 |
|                                     | B2236           | 44                                  | 32                                   | -  | 22                                   | 98 | 4   | A  | 8  | 32 | 46 | 35                             | -                                    | 23    | 104 | 3   | A+ | 9  | 27 | 52 | 39  | -                  | -                            | 91 | 2   | O  | 10 | 20 | 54 | 29  | 24 | 21                 | 128                                             | 3   | O     | 10   | 30 |    |            |        |             |  |     |    |      |
|                                     |                 | ASES121<br>PR/OR20/50 TW20/50       |                                      |    |                                      |    |     |    |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |       |     |     |    |    |    |    |     | ASVE111<br>TW20/50 |                              |    |     |    |    |    |    |     |    | ASAE111<br>TW20/50 |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     |                 | -                                   | -                                    | 41 | 45                                   | 86 | 2   | O  | 10 | 20 | -  | -                              | 46                                   | 42    | 88  | 2   | O  | 10 | 20 | -  | -   | -                  | 44                           | 44 | 2   | O  | 10 | 20 | -  | -   | -  | 43                 | 43                                              | 2   | O     | 10   | 20 | 21 | PASS       | 727    |             |  |     |    |      |
|                                     |                 | ASCC112<br>TW20/50                  |                                      |    |                                      |    |     |    |    |    |    |                                |                                      |       |     |     |    |    |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
|                                     | 363807267545    | -                                   | -                                    | -  | 45                                   | 45 | 1   | O  | 10 | 10 |    |                                |                                      |       |     |     |    |    |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |
| Semester I: Cr Earned=20, SGPA=9.05 |                 |                                     |                                      |    | Semester II: Cr Earned=21, SGPA=9.48 |    |     |    |    |    |    |                                |                                      |       |     |     |    |    |    |    |     |                    |                              |    |     |    |    |    |    |     |    |                    |                                                 |     |       |      |    |    |            |        |             |  |     |    |      |



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr | Student Id                          | Name                          | Subject Code                         |    |       |                                   |     |    |   |    |                                |     | Subject Code                         |       |    |     |    |   |    |    |                    |    | Subject Code                 |    |     |    |   |    |     |     |                    |       | CG                                              |     | Grade | SGPA |    |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
|----|-------------------------------------|-------------------------------|--------------------------------------|----|-------|-----------------------------------|-----|----|---|----|--------------------------------|-----|--------------------------------------|-------|----|-----|----|---|----|----|--------------------|----|------------------------------|----|-----|----|---|----|-----|-----|--------------------|-------|-------------------------------------------------|-----|-------|------|----|----|------------|--------|-------------|------|-----|---|---|--|--|--|--|--|--|--|
| No | Seat-No                             | ABC Id                        | ESE                                  | IA | PR/OR | TW                                | TOT | CP | G | GP | CG                             | ESE | IA                                   | PR/OR | TW | TOT | CP | G | GP | CG | ESE                | IA | PR/OR                        | TW | TOT | CP | G | GP | CG  | ESE | IA                 | PR/OR | TW                                              | TOT | CP    | G    | GP | CG | Earn Cred. | Remark | Total Marks |      |     |   |   |  |  |  |  |  |  |  |
| 37 | 1896                                | /GHARPANKAR ANKITA ANIL AARTI | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |                                   |     |    |   |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |   |    |     |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |      | 96  | F | - |  |  |  |  |  |  |  |
|    | B2237                               | 17F                           | 16                                   | -  | 15    | 48                                | 4   | F  | 0 | 0  | 24                             | 23  | -                                    | 18    | 65 | 3   | C  | 5 | 15 | 29 | 25                 | -  | -                            | 54 | 2   | C  | 5 | 10 | 16F | 16  | 15                 | 15    | 62                                              | 3   | F     | 0    | 0  |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | ASES121<br>PR/OR20/50 TW20/50       |                               |                                      |    |       |                                   |     |    |   |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |    |    | ASVE111<br>TW20/50 |    |                              |    |     |    |   |    |     |     | ASAE111<br>TW20/50 |       |                                                 |     |       |      |    |    |            |        | 16          | FAIL | 491 |   |   |  |  |  |  |  |  |  |
|    |                                     |                               |                                      | -  | -     | 40                                | 41  | 81 | 2 | A+ | 9                              | 18  | -                                    | -     | 40 | 35  | 75 | 2 | A  | 8  | 16                 | -  | -                            | -  | 33  | 33 | 2 | B+ | 7   | 14  | -                  | -     | -                                               | 39  | 39    | 2    | A  | 8  | 16         |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | ASCC112<br>TW20/50                  |                               |                                      |    |       |                                   |     |    |   |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |   |    |     |     |                    |       |                                                 |     |       |      |    |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | No                                  |                               |                                      | -  | -     | -                                 | 34  | 34 | 1 | B+ | 7                              | 7   |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |   |    |     |     |                    |       |                                                 |     |       |      |    |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | Semester I: Cr Earned=10, SGPA=0    |                               |                                      |    |       | Semester II: Cr Earned=16, SGPA=0 |     |    |   |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |   |    |     |     |                    |       |                                                 |     |       |      |    |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
| 38 | 1757                                | GHADGE PARTH MAHESH VAISHALI  | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |                                   |     |    |   |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |   |    |     |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |      | 129 | F | - |  |  |  |  |  |  |  |
|    | B2238                               | 15F                           | 9F                                   | -  | 20    | 44                                | 4   | F  | 0 | 0  | 31                             | 27  | -                                    | 21    | 79 | 3   | B  | 6 | 18 | 38 | 29                 | -  | -                            | 67 | 2   | B+ | 7 | 14 | 24  | 22  | 21                 | 19    | 86                                              | 3   | B     | 6    | 18 |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | ASES121<br>PR/OR20/50 TW20/50       |                               |                                      |    |       |                                   |     |    |   |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |    |    | ASVE111<br>TW20/50 |    |                              |    |     |    |   |    |     |     | ASAE111<br>TW20/50 |       |                                                 |     |       |      |    |    |            |        | 18          | FAIL | 548 |   |   |  |  |  |  |  |  |  |
|    |                                     |                               |                                      | -  | -     | 39                                | 40  | 79 | 2 | A  | 8                              | 16  | -                                    | -     | 41 | 40  | 81 | 2 | A+ | 9  | 18                 | -  | -                            | -  | 44  | 44 | 2 | O  | 10  | 20  | -                  | -     | -                                               | 44  | 44    | 2    | O  | 10 | 20         |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | ASCC112<br>TW20/50                  |                               |                                      |    |       |                                   |     |    |   |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |   |    |     |     |                    |       |                                                 |     |       |      |    |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | 815990918719                        |                               |                                      | -  | -     | -                                 | 24  | 24 | 1 | C  | 5                              | 5   |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |   |    |     |     |                    |       |                                                 |     |       |      |    |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | Semester I: Cr Earned=10, SGPA=0    |                               |                                      |    |       | Semester II: Cr Earned=18, SGPA=0 |     |    |   |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |   |    |     |     |                    |       |                                                 |     |       |      |    |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
| 39 | 1648                                | CHAUDHARY ISHWAR AMOL RIDDHI  | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |       |                                   |     |    |   |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |   |    |     |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |      | 0   | F | - |  |  |  |  |  |  |  |
|    | B2239                               | AB                            | 2F                                   | -  | AB    | 2                                 | 4   | F  | 0 | 0  | AB                             | 4F  | -                                    | 17    | 21 | 3   | F  | 0 | 0  | AB | 6F                 | -  | -                            | 6  | 2   | F  | 0 | 0  | AB  | 2F  | AB                 | 1F    | 3                                               | 3   | F     | 0    | 0  |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | ASES121<br>PR/OR20/50 TW20/50       |                               |                                      |    |       |                                   |     |    |   |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |    |    | ASVE111<br>TW20/50 |    |                              |    |     |    |   |    |     |     | ASAE111<br>TW20/50 |       |                                                 |     |       |      |    |    |            |        | 1           | FAIL | 70  |   |   |  |  |  |  |  |  |  |
|    |                                     |                               |                                      | -  | -     | 38                                | AB  | 38 | 2 | F  | 0                              | 0   | -                                    | -     | AB | AB  | 0  | 2 | F  | 0  | 0                  | -  | -                            | -  | AB  | 0  | 2 | F  | 0   | 0   | -                  | -     | -                                               | 0F  | 0     | 2    | F  | 0  | 0          |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | ASCC112<br>TW20/50                  |                               |                                      |    |       |                                   |     |    |   |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |   |    |     |     |                    |       |                                                 |     |       |      |    |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | 764779444647                        |                               |                                      | -  | -     | -                                 | 0F  | 0  | 1 | F  | 0                              | 0   |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |   |    |     |     |                    |       |                                                 |     |       |      |    |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |
|    | Semester I: Cr Earned=20, SGPA=7.75 |                               |                                      |    |       | Semester II: Cr Earned=1, SGPA=0  |     |    |   |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |   |    |     |     |                    |       |                                                 |     |       |      |    |    |            |        |             |      |     |   |   |  |  |  |  |  |  |  |



**Result Date: June 24, 2026**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                               |                                              |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------------------------------------------|
| ASBS121 - APPLIED MATHEMATICS-II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ASBS114 - ENERGY SCIENCE      | ASES122 - ENVIRONMENTAL SCIENCE FOR ENGINEER | CEPC121 - DATA STRUCTURE                        |
| ASES121 - ENGINEERING GRAPHICS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ASVSC122 - PYTHON PROGRAMMING | ASVE111 - UNIVERSAL HUMAN VALUES             | ASAE111 - PROFESSIONAL AND COMMUNICATION ETHICS |
| ASCC112 - CO CURRICULAR COURSE -2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |                                              |                                                 |
| Abbreviations: IA – Internal Assessment, TW – Term Work, ESE – End Semester Examination, OR – Oral, PR – Practical, SGPA – Semester Grade Point Average, CGPA – Cumulative Grade Point Average, @-5042/5043/5044, * - 5045, # - 0.229, ! - 0.6253, EX - Exemption, + - Carried Forward, F - Fail, AB - Absent, DA - Disallowed, CC - Copy Case, NA - Not Applicable, INT - Internal Assessment, EXT - External, TOT - Total Marks, CP - Credit Points, G - Grade, GP - Grade Points, CG - Credit x Grade, FC - Fail Count, v - Scale Down |                               |                                              |                                                 |
| Grade : O : 10.00-10.00, A+ : 9.00-9.99, A : 8.00-8.99, B+ : 7.00-7.99, B : 6.00-6.99, C : 5.00-5.99, D : 4.00-4.99, F : 0.00-3.99                                                                                                                                                                                                                                                                                                                                                                                                        |                               |                                              |                                                 |



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr                                  | Student Id                    | Name                                  | Subject Code                         |    |                                      |    |     |    |   |    | Subject Code                   |     |                                      |       |    |     |    |   | Subject Code |    |                    |    |                              |    |     |    | Subject Code |    |    |     |                    |       |                                                 |     | CG | Grade | SGPA |    |            |        |             |      |     |    |      |  |  |  |  |  |
|-------------------------------------|-------------------------------|---------------------------------------|--------------------------------------|----|--------------------------------------|----|-----|----|---|----|--------------------------------|-----|--------------------------------------|-------|----|-----|----|---|--------------|----|--------------------|----|------------------------------|----|-----|----|--------------|----|----|-----|--------------------|-------|-------------------------------------------------|-----|----|-------|------|----|------------|--------|-------------|------|-----|----|------|--|--|--|--|--|
| No                                  | Seat-No                       | ABC Id                                | ESE                                  | IA | PR/OR                                | TW | TOT | CP | G | GP | CG                             | ESE | IA                                   | PR/OR | TW | TOT | CP | G | GP           | CG | ESE                | IA | PR/OR                        | TW | TOT | CP | G            | GP | CG | ESE | IA                 | PR/OR | TW                                              | TOT | CP | G     | GP   | CG | Earn Cred. | Remark | Total Marks |      |     |    |      |  |  |  |  |  |
| 43                                  | 1868                          | /JADHAV PURVA<br>CHANDRAKANT<br>SEEMA | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                      |    |     |    |   |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |              |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |              |    |    |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |       |      |    |            |        |             |      | 131 | F  | -    |  |  |  |  |  |
|                                     | 5F                            |                                       | 10F                                  | -  | 19                                   | 34 | 4   | F  | 0 | 0  | 24                             | 25  | -                                    | 21    | 70 | 3   | B  | 6 | 18           | 38 | 30                 | -  | -                            | 68 | 2   | B+ | 7            | 14 | 24 | 19  | 16                 | 20    | 79                                              | 3   | C  | 5     | 15   |    |            |        |             |      |     |    |      |  |  |  |  |  |
|                                     | ASES121<br>PR/OR20/50 TW20/50 |                                       |                                      |    |                                      |    |     |    |   |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |              |    | ASVE111<br>TW20/50 |    |                              |    |     |    |              |    |    |     | ASAE111<br>TW20/50 |       |                                                 |     |    |       |      |    |            |        | 18          | FAIL | 547 |    |      |  |  |  |  |  |
|                                     | -                             |                                       | -                                    | 42 | 39                                   | 81 | 2   | A+ | 9 | 18 | -                              | -   | 42                                   | 40    | 82 | 2   | A+ | 9 | 18           | -  | -                  | -  | 45                           | 45 | 2   | O  | 10           | 20 | -  | -   | -                  | 42    | 42                                              | 2   | A+ | 9     | 18   |    |            |        |             |      |     |    |      |  |  |  |  |  |
|                                     | ASCC112<br>TW20/50            |                                       |                                      |    |                                      |    |     |    |   |    |                                |     |                                      |       |    |     |    |   |              |    |                    |    |                              |    |     |    |              |    |    |     |                    |       |                                                 |     |    |       |      |    |            |        |             |      |     |    |      |  |  |  |  |  |
|                                     | B2243                         | 267537093805                          | -                                    | -  | -                                    | 46 | 46  | 1  | O | 10 | 10                             |     |                                      |       |    |     |    |   |              |    |                    |    |                              |    |     |    |              |    |    |     |                    |       |                                                 |     |    |       |      |    |            |        |             |      |     |    |      |  |  |  |  |  |
| Semester I: Cr Earned=10, SGPA=0    |                               |                                       |                                      |    | Semester II: Cr Earned=18, SGPA=0    |    |     |    |   |    |                                |     |                                      |       |    |     |    |   |              |    |                    |    |                              |    |     |    |              |    |    |     |                    |       |                                                 |     |    |       |      |    |            |        |             |      |     |    |      |  |  |  |  |  |
| 44                                  | 1334                          | /JADHAV<br>SHAMBHAVI<br>GANESH ANITA  | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                      |    |     |    |   |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |              |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |              |    |    |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |       |      |    |            |        |             |      | 157 | B+ | 7.48 |  |  |  |  |  |
|                                     | 24                            |                                       | 18                                   | -  | 19                                   | 61 | 4   | C  | 5 | 20 | 35                             | 31  | -                                    | 24    | 90 | 3   | B+ | 7 | 21           | 52 | 34                 | -  | -                            | 86 | 2   | O  | 10           | 20 | 36 | 27  | 18                 | 20    | 101                                             | 3   | B+ | 7     | 21   |    |            |        |             |      |     |    |      |  |  |  |  |  |
|                                     | ASES121<br>PR/OR20/50 TW20/50 |                                       |                                      |    |                                      |    |     |    |   |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |              |    | ASVE111<br>TW20/50 |    |                              |    |     |    |              |    |    |     | ASAE111<br>TW20/50 |       |                                                 |     |    |       |      |    |            |        | 21          | PASS | 601 |    |      |  |  |  |  |  |
|                                     | -                             |                                       | -                                    | 40 | 39                                   | 79 | 2   | A  | 8 | 16 | -                              | -   | 41                                   | 37    | 78 | 2   | A  | 8 | 16           | -  | -                  | -  | 43                           | 43 | 2   | O  | 10           | 20 | -  | -   | -                  | 40    | 40                                              | 2   | A+ | 9     | 18   |    |            |        |             |      |     |    |      |  |  |  |  |  |
|                                     | ASCC112<br>TW20/50            |                                       |                                      |    |                                      |    |     |    |   |    |                                |     |                                      |       |    |     |    |   |              |    |                    |    |                              |    |     |    |              |    |    |     |                    |       |                                                 |     |    |       |      |    |            |        |             |      |     |    |      |  |  |  |  |  |
|                                     | B2244                         | 571198606078                          | -                                    | -  | -                                    | 23 | 23  | 1  | C | 5  | 5                              |     |                                      |       |    |     |    |   |              |    |                    |    |                              |    |     |    |              |    |    |     |                    |       |                                                 |     |    |       |      |    |            |        |             |      |     |    |      |  |  |  |  |  |
| Semester I: Cr Earned=10, SGPA=0    |                               |                                       |                                      |    | Semester II: Cr Earned=21, SGPA=7.48 |    |     |    |   |    |                                |     |                                      |       |    |     |    |   |              |    |                    |    |                              |    |     |    |              |    |    |     |                    |       |                                                 |     |    |       |      |    |            |        |             |      |     |    |      |  |  |  |  |  |
| 45                                  | 1758                          | /JADHAV TANVI<br>VIJAY RUPALI         | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                      |    |     |    |   |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |              |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |              |    |    |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |       |      |    |            |        |             |      | 127 | F  | -    |  |  |  |  |  |
|                                     | 11F                           |                                       | 18                                   | -  | 13                                   | 42 | 4   | F  | 0 | 0  | 25                             | 26  | -                                    | 21    | 72 | 3   | B  | 6 | 18           | 40 | 25                 | -  | -                            | 65 | 2   | B+ | 7            | 14 | 31 | 31  | 18                 | 18    | 98                                              | 3   | B+ | 7     | 21   |    |            |        |             |      |     |    |      |  |  |  |  |  |
|                                     | ASES121<br>PR/OR20/50 TW20/50 |                                       |                                      |    |                                      |    |     |    |   |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |              |    | ASVE111<br>TW20/50 |    |                              |    |     |    |              |    |    |     | ASAE111<br>TW20/50 |       |                                                 |     |    |       |      |    |            |        | 18          | FAIL | 550 |    |      |  |  |  |  |  |
|                                     | -                             |                                       | -                                    | 41 | 35                                   | 76 | 2   | A  | 8 | 16 | -                              | -   | 40                                   | 37    | 77 | 2   | A  | 8 | 16           | -  | -                  | -  | 44                           | 44 | 2   | O  | 10           | 20 | -  | -   | -                  | 31    | 31                                              | 2   | B  | 6     | 12   |    |            |        |             |      |     |    |      |  |  |  |  |  |
|                                     | ASCC112<br>TW20/50            |                                       |                                      |    |                                      |    |     |    |   |    |                                |     |                                      |       |    |     |    |   |              |    |                    |    |                              |    |     |    |              |    |    |     |                    |       |                                                 |     |    |       |      |    |            |        |             |      |     |    |      |  |  |  |  |  |
|                                     | B2245                         | 556784287364                          | -                                    | -  | -                                    | 45 | 45  | 1  | O | 10 | 10                             |     |                                      |       |    |     |    |   |              |    |                    |    |                              |    |     |    |              |    |    |     |                    |       |                                                 |     |    |       |      |    |            |        |             |      |     |    |      |  |  |  |  |  |
| Semester I: Cr Earned=20, SGPA=6.35 |                               |                                       |                                      |    | Semester II: Cr Earned=18, SGPA=0    |    |     |    |   |    |                                |     |                                      |       |    |     |    |   |              |    |                    |    |                              |    |     |    |              |    |    |     |                    |       |                                                 |     |    |       |      |    |            |        |             |      |     |    |      |  |  |  |  |  |



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr                                  | Student Id   | Name                               | Subject Code                         |      |       |    |     |    |    |                                | Subject Code                         |     |    |       |    |     |    |                    | Subject Code                 |    |     |    |       |    |     |                    | Subject Code                                    |    |    |      |    |       |    |     | CG             | Grade | SGPA |    |            |        |             |
|-------------------------------------|--------------|------------------------------------|--------------------------------------|------|-------|----|-----|----|----|--------------------------------|--------------------------------------|-----|----|-------|----|-----|----|--------------------|------------------------------|----|-----|----|-------|----|-----|--------------------|-------------------------------------------------|----|----|------|----|-------|----|-----|----------------|-------|------|----|------------|--------|-------------|
| No                                  | Seat-No      | ABC Id                             | ESE                                  | IA   | PR/OR | TW | TOT | CP | G  | GP                             | CG                                   | ESE | IA | PR/OR | TW | TOT | CP | G                  | GP                           | CG | ESE | IA | PR/OR | TW | TOT | CP                 | G                                               | GP | CG | ESE  | IA | PR/OR | TW | TOT | CP             | G     | GP   | CG | Earn Cred. | Remark | Total Marks |
| 46                                  | 1347         | JANA PRITESH BHANU KAKALI          | ASBS121<br>Ext24/60 Int16/40 TW10/25 |      |       |    |     |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |     |    |       |    |     |    |                    | ASES122<br>Ext24/60 Int16/40 |    |     |    |       |    |     |                    | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |    |    |      |    |       |    |     | 157            | B+    | 7.48 |    |            |        |             |
|                                     | B2246        |                                    | 24                                   | 17   | -     | 19 | 60  | 4  | C  | 5                              | 20                                   | 25  | 29 | -     | 21 | 75  | 3  | B                  | 6                            | 18 | 30  | 26 | -     | -  | 56  | 2                  | B                                               | 6  | 12 | 34   | 27 | 23    | 23 | 107 | 3              | B+    | 7    | 21 |            |        |             |
|                                     |              | ASES121<br>PR/OR20/50 TW20/50      |                                      |      |       |    |     |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |     |    |       |    |     |    | ASVE111<br>TW20/50 |                              |    |     |    |       |    |     | ASAE111<br>TW20/50 |                                                 |    |    |      |    |       |    | 21  | PASS           | 597   |      |    |            |        |             |
|                                     |              |                                    | -                                    | -    | 39    | 40 | 79  | 2  | A  | 8                              | 16                                   | -   | -  | 42    | 45 | 87  | 2  | O                  | 10                           | 20 | -   | -  | -     | 44 | 44  | 2                  | O                                               | 10 | 20 | -    | -  | -     | 43 | 43  | 2              | O     | 10   | 20 |            |        |             |
|                                     |              | ASCC112<br>TW20/50                 |                                      |      |       |    |     |    |    |                                |                                      |     |    |       |    |     |    |                    |                              |    |     |    |       |    |     |                    |                                                 |    |    |      |    |       |    |     |                |       |      |    |            |        |             |
|                                     | 964795504517 | -                                  | -                                    | -    | 46    | 46 | 1   | O  | 10 | 10                             |                                      |     |    |       |    |     |    |                    |                              |    |     |    |       |    |     |                    |                                                 |    |    |      |    |       |    |     |                |       |      |    |            |        |             |
| Semester I: Cr Earned=20, SGPA=8.10 |              |                                    | Semester II: Cr Earned=21, SGPA=7.48 |      |       |    |     |    |    |                                |                                      |     |    |       |    |     |    |                    |                              |    |     |    |       |    |     |                    |                                                 |    |    |      |    |       |    |     |                |       |      |    |            |        |             |
| 47                                  | 1721         | /JANJIRE TEJASWINI SHIVLAL ASHWINI | ASBS121<br>Ext24/60 Int16/40 TW10/25 |      |       |    |     |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |     |    |       |    |     |    |                    | ASES122<br>Ext24/60 Int16/40 |    |     |    |       |    |     |                    | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |    |    |      |    |       |    |     | 143            | B     | 6.81 |    |            |        |             |
|                                     | B2247        |                                    | 26                                   | 12*4 | -     | 14 | 56  | 4  | C  | 5                              | 20                                   | 25  | 25 | -     | 21 | 71  | 3  | B                  | 6                            | 18 | 39  | 25 | -     | -  | 64  | 2                  | B                                               | 6  | 12 | 29   | 29 | 21    | 18 | 97  | 3              | B+    | 7    | 21 |            |        |             |
|                                     |              | ASES121<br>PR/OR20/50 TW20/50      |                                      |      |       |    |     |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |     |    |       |    |     |    | ASVE111<br>TW20/50 |                              |    |     |    |       |    |     | ASAE111<br>TW20/50 |                                                 |    |    |      |    |       |    | 21  | PASS by 0.5045 | 557   |      |    |            |        |             |
|                                     |              |                                    | -                                    | -    | 38    | 35 | 73  | 2  | B+ | 7                              | 14                                   | -   | -  | 41    | 36 | 77  | 2  | A                  | 8                            | 16 | -   | -  | -     | 43 | 43  | 2                  | O                                               | 10 | 20 | -    | -  | -     | 32 | 32  | 2              | B     | 6    | 12 |            |        |             |
|                                     |              | ASCC112<br>TW20/50                 |                                      |      |       |    |     |    |    |                                |                                      |     |    |       |    |     |    |                    |                              |    |     |    |       |    |     |                    |                                                 |    |    |      |    |       |    |     |                |       |      |    |            |        |             |
|                                     | 915166810192 | -                                  | -                                    | -    | 44    | 44 | 1   | O  | 10 | 10                             |                                      |     |    |       |    |     |    |                    |                              |    |     |    |       |    |     |                    |                                                 |    |    |      |    |       |    |     |                |       |      |    |            |        |             |
| Semester I: Cr Earned=13, SGPA=0    |              |                                    | Semester II: Cr Earned=21, SGPA=6.81 |      |       |    |     |    |    |                                |                                      |     |    |       |    |     |    |                    |                              |    |     |    |       |    |     |                    |                                                 |    |    |      |    |       |    |     |                |       |      |    |            |        |             |
| 48                                  | 1575         | /JHA SIMRAN RAMESH PUSHPA          | ASBS121<br>Ext24/60 Int16/40 TW10/25 |      |       |    |     |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |     |    |       |    |     |    |                    | ASES122<br>Ext24/60 Int16/40 |    |     |    |       |    |     |                    | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |    |    |      |    |       |    |     | 171            | A     | 8.14 |    |            |        |             |
|                                     | B2248        |                                    | 29@4                                 | 17   | -     | 19 | 69  | 4  | B  | 6                              | 24                                   | 35  | 29 | -     | 24 | 88  | 3  | B+                 | 7                            | 21 | 47  | 34 | -     | -  | 81  | 2                  | A+                                              | 9  | 18 | 34@2 | 31 | 22    | 24 | 113 | 3              | A     | 8    | 24 |            |        |             |
|                                     |              | ASES121<br>PR/OR20/50 TW20/50      |                                      |      |       |    |     |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |     |    |       |    |     |    | ASVE111<br>TW20/50 |                              |    |     |    |       |    |     | ASAE111<br>TW20/50 |                                                 |    |    |      |    |       |    | 21  | PASS by 0.5043 | 644   |      |    |            |        |             |
|                                     |              |                                    | -                                    | -    | 39    | 36 | 75  | 2  | A  | 8                              | 16                                   | -   | -  | 43    | 44 | 87  | 2  | O                  | 10                           | 20 | -   | -  | -     | 44 | 44  | 2                  | O                                               | 10 | 20 | -    | -  | -     | 42 | 42  | 2              | A+    | 9    | 18 |            |        |             |
|                                     |              | ASCC112<br>TW20/50                 |                                      |      |       |    |     |    |    |                                |                                      |     |    |       |    |     |    |                    |                              |    |     |    |       |    |     |                    |                                                 |    |    |      |    |       |    |     |                |       |      |    |            |        |             |
|                                     | 435760365550 | -                                  | -                                    | -    | 45    | 45 | 1   | O  | 10 | 10                             |                                      |     |    |       |    |     |    |                    |                              |    |     |    |       |    |     |                    |                                                 |    |    |      |    |       |    |     |                |       |      |    |            |        |             |
| Semester I: Cr Earned=20, SGPA=7.65 |              |                                    | Semester II: Cr Earned=21, SGPA=8.14 |      |       |    |     |    |    |                                |                                      |     |    |       |    |     |    |                    |                              |    |     |    |       |    |     |                    |                                                 |    |    |      |    |       |    |     |                |       |      |    |            |        |             |

ASBS121 - APPLIED MATHEMATICS-II  
ASES121 - ENGINEERING GRAPHICS  
ASCC112 - CO CURRICULAR COURSE -2

ASBS114 - ENERGY SCIENCE  
ASVSC122 - PYTHON PROGRAMMING

ASES122 - ENVIRONMENTAL SCIENCE FOR ENGINEER  
ASVE111 - UNIVERSAL HUMAN VALUES

CEPC121 - DATA STRUCTURE  
ASAE111 - PROFESSIONAL AND COMMUNICATION ETHICS

Abbreviations: IA – Internal Assessment, TW – Term Work, ESE – End Semester Examination, OR – Oral, PR – Practical, SGPA – Semester Grade Point Average, CGPA – Cumulative Grade Point Average, @-5042/5043/5044, \* - 5045, # - O.229, ! - O.6253, EX - Exemption, + - Carried Forward, F - Fail, AB - Absent, DA - Disallowed, CC - Copy Case, NA - Not Applicable, INT - Internal Assessment, EXT - External, TOT - Total Marks, CP - Credit Points, G - Grade, GP - Grade Points, CG - Credit x Grade, FC - Fail Count, v - Scale Down

Grade : O : 10.00-10.00, A+ : 9.00-9.99, A : 8.00-8.99, B+ : 7.00-7.99, B : 6.00-6.99, C : 5.00-5.99, D : 4.00-4.99, F : 0.00-3.99

Principal

Entered by

Checked by

Controller of Examination

Page 16/21 (24/06/2026 12:19 PM)



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr                                  | Student Id   | Name                               | Subject Code                         |    |                                      |    |     |    |    |    |    |                                | Subject Code                         |       |    |     |    |   |    |    |     |                       | Subject Code                 |    |     |    |   |    |    |     |    |                       | CG                                              |     | Grade | SGPA |    |    |            |        |             |    |      |     |      |
|-------------------------------------|--------------|------------------------------------|--------------------------------------|----|--------------------------------------|----|-----|----|----|----|----|--------------------------------|--------------------------------------|-------|----|-----|----|---|----|----|-----|-----------------------|------------------------------|----|-----|----|---|----|----|-----|----|-----------------------|-------------------------------------------------|-----|-------|------|----|----|------------|--------|-------------|----|------|-----|------|
| No                                  | Seat-No      | ABC Id                             | ESE                                  | IA | PR/OR                                | TW | TOT | CP | G  | GP | CG | ESE                            | IA                                   | PR/OR | TW | TOT | CP | G | GP | CG | ESE | IA                    | PR/OR                        | TW | TOT | CP | G | GP | CG | ESE | IA | PR/OR                 | TW                                              | TOT | CP    | G    | GP | CG | Earn Cred. | Remark | Total Marks |    |      |     |      |
| 49                                  | 1576         | JOSHI PRANAV<br>AMOL ANJALI        | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                      |    |     |    |    |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |     |                       | ASES122<br>Ext24/60 Int16/40 |    |     |    |   |    |    |     |    |                       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |    | 74   | F   | -    |
|                                     | B2249        |                                    | 0F                                   | 7F | -                                    | 11 | 18  | 4  | F  | 0  | 0  | 14F                            | 19                                   | -     | 13 | 46  | 3  | F | 0  | 0  | 24  | 21                    | -                            | -  | 45  | 2  | C | 5  | 10 | 17F | 9F | 14                    | 15                                              | 55  | 3     | F    | 0  | 0  |            |        |             |    |      |     |      |
|                                     |              | ASES121<br>PR/OR20/50 TW20/50      |                                      |    |                                      |    |     |    |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |       |    |     |    |   |    |    |     | ASVE111<br>TW20/50    |                              |    |     |    |   |    |    |     |    | ASAE111<br>TW20/50    |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |
|                                     |              | - - 40 25 65 2 B+ 7 14             |                                      |    |                                      |    |     |    |    |    |    | - - 37 30 67 2 B+ 7 14         |                                      |       |    |     |    |   |    |    |     | - - - 43 43 2 O 10 20 |                              |    |     |    |   |    |    |     |    | - - - 29 29 2 B 6 12  |                                                 |     |       |      |    |    |            |        |             | 14 | FAIL | 390 |      |
|                                     |              | ASCC112<br>TW20/50                 |                                      |    |                                      |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                       |                              |    |     |    |   |    |    |     |    |                       |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |
|                                     | 919850104944 |                                    |                                      |    |                                      |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                       |                              |    |     |    |   |    |    |     |    |                       |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |
| Semester I: Cr Earned=7, SGPA=0     |              |                                    |                                      |    | Semester II: Cr Earned=14, SGPA=0    |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                       |                              |    |     |    |   |    |    |     |    |                       |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |
| 50                                  | 1578         | /KADAM NEHALI<br>NILESH NAMITA     | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                      |    |     |    |    |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |     |                       | ASES122<br>Ext24/60 Int16/40 |    |     |    |   |    |    |     |    |                       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |    | 184  | A   | 8.76 |
|                                     | B2250        |                                    | 36                                   | 25 | -                                    | 21 | 82  | 4  | B+ | 7  | 28 | 36                             | 34                                   | -     | 24 | 94  | 3  | A | 8  | 24 | 44  | 32                    | -                            | -  | 76  | 2  | A | 8  | 16 | 52  | 34 | 24                    | 24                                              | 134 | 3     | O    | 10 | 30 |            |        |             |    |      |     |      |
|                                     |              | ASES121<br>PR/OR20/50 TW20/50      |                                      |    |                                      |    |     |    |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |       |    |     |    |   |    |    |     | ASVE111<br>TW20/50    |                              |    |     |    |   |    |    |     |    | ASAE111<br>TW20/50    |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |
|                                     |              | - - 41 39 80 2 A+ 9 18             |                                      |    |                                      |    |     |    |    |    |    | - - 47 44 91 2 O 10 20         |                                      |       |    |     |    |   |    |    |     | - - - 42 42 2 A+ 9 18 |                              |    |     |    |   |    |    |     |    | - - - 43 43 2 O 10 20 |                                                 |     |       |      |    |    |            |        |             | 21 | PASS | 685 |      |
|                                     |              | ASCC112<br>TW20/50                 |                                      |    |                                      |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                       |                              |    |     |    |   |    |    |     |    |                       |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |
|                                     | 749923937750 |                                    |                                      |    |                                      |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                       |                              |    |     |    |   |    |    |     |    |                       |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |
| Semester I: Cr Earned=20, SGPA=8.85 |              |                                    |                                      |    | Semester II: Cr Earned=21, SGPA=8.76 |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                       |                              |    |     |    |   |    |    |     |    |                       |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |
| 51                                  | 1828         | KADAM VEDANT<br>PRAMOD<br>SANGEETA | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                      |    |     |    |    |    |    |                                | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |     |                       | ASES122<br>Ext24/60 Int16/40 |    |     |    |   |    |    |     |    |                       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |       |      |    |    |            |        |             |    | 113  | F   | -    |
|                                     | B2251        |                                    | 14F                                  | 16 | -                                    | 15 | 45  | 4  | F  | 0  | 0  | 24                             | 30                                   | -     | 16 | 70  | 3  | B | 6  | 18 | 37  | 23                    | -                            | -  | 60  | 2  | B | 6  | 12 | 26  | 24 | 16                    | 16                                              | 82  | 3     | B    | 6  | 18 |            |        |             |    |      |     |      |
|                                     |              | ASES121<br>PR/OR20/50 TW20/50      |                                      |    |                                      |    |     |    |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |                                      |       |    |     |    |   |    |    |     | ASVE111<br>TW20/50    |                              |    |     |    |   |    |    |     |    | ASAE111<br>TW20/50    |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |
|                                     |              | - - 39 27 66 2 B+ 7 14             |                                      |    |                                      |    |     |    |    |    |    | - - 37 37 74 2 B+ 7 14         |                                      |       |    |     |    |   |    |    |     | - - - 39 39 2 A 8 16  |                              |    |     |    |   |    |    |     |    | - - - 32 32 2 B 6 12  |                                                 |     |       |      |    |    |            |        |             | 18 | FAIL | 508 |      |
|                                     |              | ASCC112<br>TW20/50                 |                                      |    |                                      |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                       |                              |    |     |    |   |    |    |     |    |                       |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |
|                                     | 841387747650 |                                    |                                      |    |                                      |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                       |                              |    |     |    |   |    |    |     |    |                       |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |
| Semester I: Cr Earned=20, SGPA=6.40 |              |                                    |                                      |    | Semester II: Cr Earned=18, SGPA=0    |    |     |    |    |    |    |                                |                                      |       |    |     |    |   |    |    |     |                       |                              |    |     |    |   |    |    |     |    |                       |                                                 |     |       |      |    |    |            |        |             |    |      |     |      |



**Result Date: June 24, 2026**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                               |                                              |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------------------------------------------|
| ASBS121 - APPLIED MATHEMATICS-II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ASBS114 - ENERGY SCIENCE      | ASES122 - ENVIRONMENTAL SCIENCE FOR ENGINEER | CEPC121 - DATA STRUCTURE                        |
| ASES121 - ENGINEERING GRAPHICS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ASVSC122 - PYTHON PROGRAMMING | ASVE111 - UNIVERSAL HUMAN VALUES             | ASAE111 - PROFESSIONAL AND COMMUNICATION ETHICS |
| ASCC112 - CO CURRICULAR COURSE -2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |                                              |                                                 |
| Abbreviations: IA – Internal Assessment, TW – Term Work, ESE – End Semester Examination, OR – Oral, PR – Practical, SGPA – Semester Grade Point Average, CGPA – Cumulative Grade Point Average, @-5042/5043/5044, * - 5045, # - 0.229, ! - 0.6253, EX - Exemption, + - Carried Forward, F - Fail, AB - Absent, DA - Disallowed, CC - Copy Case, NA - Not Applicable, INT - Internal Assessment, EXT - External, TOT - Total Marks, CP - Credit Points, G - Grade, GP - Grade Points, CG - Credit x Grade, FC - Fail Count, v - Scale Down |                               |                                              |                                                 |
| Grade : O : 10.00-10.00, A+ : 9.00-9.99, A : 8.00-8.99, B+ : 7.00-7.99, B : 6.00-6.99, C : 5.00-5.99, D : 4.00-4.99, F : 0.00-3.99                                                                                                                                                                                                                                                                                                                                                                                                        |                               |                                              |                                                 |



# Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

## FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr                                  | Student Id                    | Name                              | Subject Code                         |    |                                   |    |     |    |    |    |                                |     | Subject Code                         |       |    |     |    |   |    |    |                    |    | Subject Code                 |    |     |    |    |    |    |     |                    |       | Subject Code                                    |     |    |   |    |    |            |        |             |  | CG  | Grade | SGPA |
|-------------------------------------|-------------------------------|-----------------------------------|--------------------------------------|----|-----------------------------------|----|-----|----|----|----|--------------------------------|-----|--------------------------------------|-------|----|-----|----|---|----|----|--------------------|----|------------------------------|----|-----|----|----|----|----|-----|--------------------|-------|-------------------------------------------------|-----|----|---|----|----|------------|--------|-------------|--|-----|-------|------|
| No                                  | Seat-No                       | ABC Id                            | ESE                                  | IA | PR/OR                             | TW | TOT | CP | G  | GP | CG                             | ESE | IA                                   | PR/OR | TW | TOT | CP | G | GP | CG | ESE                | IA | PR/OR                        | TW | TOT | CP | G  | GP | CG | ESE | IA                 | PR/OR | TW                                              | TOT | CP | G | GP | CG | Earn Cred. | Remark | Total Marks |  |     |       |      |
| 55                                  | 1830                          | /KARKHANE<br>RUTUJA AJAY<br>SMITA | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                   |    |     |    |    |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |   |    |    |            |        |             |  | 130 | F     | -    |
|                                     | 17F                           |                                   | 17                                   | -  | 19                                | 53 | 4   | F  | 0  | 0  | 24                             | 26  | -                                    | 21    | 71 | 3   | B  | 6 | 18 | 45 | 33                 | -  | -                            | 78 | 2   | A  | 8  | 16 | 31 | 28  | 21                 | 19    | 99                                              | 3   | B+ | 7 | 21 |    |            |        |             |  |     |       |      |
|                                     | ASES121<br>PR/OR20/50 TW20/50 |                                   |                                      |    |                                   |    |     |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |    |    | ASVE111<br>TW20/50 |    |                              |    |     |    |    |    |    |     | ASAE111<br>TW20/50 |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
|                                     | -                             |                                   | -                                    | 41 | 35                                | 76 | 2   | A  | 8  | 16 | -                              | -   | 38                                   | 41    | 79 | 2   | A  | 8 | 16 | -  | -                  | -  | 39                           | 39 | 2   | A  | 8  | 16 | -  | -   | -                  | 41    | 41                                              | 2   | A+ | 9 | 18 |    |            |        |             |  |     |       |      |
|                                     | ASCC112<br>TW20/50            |                                   |                                      |    |                                   |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
|                                     |                               |                                   |                                      |    |                                   |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
|                                     |                               |                                   |                                      |    |                                   |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
| 807227187703                        |                               |                                   | -                                    | -  | -                                 | 40 | 40  | 1  | A+ | 9  | 9                              |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
| Semester I: Cr Earned=17, SGPA=0    |                               |                                   |                                      |    | Semester II: Cr Earned=18, SGPA=0 |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
| 56                                  | 1708                          | KHADSE BHAVESH<br>RAHUL ARCHANA   | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                   |    |     |    |    |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |   |    |    |            |        |             |  | 117 | F     | -    |
|                                     | 10F                           |                                   | 12F                                  | -  | 15                                | 37 | 4   | F  | 0  | 0  | 29                             | 19  | -                                    | 16    | 64 | 3   | C  | 5 | 15 | 35 | 30                 | -  | -                            | 65 | 2   | B+ | 7  | 14 | 35 | 20  | 17                 | 16    | 88                                              | 3   | B  | 6 | 18 |    |            |        |             |  |     |       |      |
|                                     | ASES121<br>PR/OR20/50 TW20/50 |                                   |                                      |    |                                   |    |     |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |    |    | ASVE111<br>TW20/50 |    |                              |    |     |    |    |    |    |     | ASAE111<br>TW20/50 |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
|                                     | -                             |                                   | -                                    | 40 | 29                                | 69 | 2   | B+ | 7  | 14 | -                              | -   | 43                                   | 36    | 79 | 2   | A  | 8 | 16 | -  | -                  | -  | 43                           | 43 | 2   | O  | 10 | 20 | -  | -   | -                  | 30    | 30                                              | 2   | B  | 6 | 12 |    |            |        |             |  |     |       |      |
|                                     | ASCC112<br>TW20/50            |                                   |                                      |    |                                   |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
|                                     |                               |                                   |                                      |    |                                   |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
|                                     |                               |                                   |                                      |    |                                   |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
| 360139921778                        |                               |                                   | -                                    | -  | -                                 | 39 | 39  | 1  | A  | 8  | 8                              |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
| Semester I: Cr Earned=20, SGPA=6.70 |                               |                                   |                                      |    | Semester II: Cr Earned=18, SGPA=0 |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
| 57                                  | 1857                          | KHAIRE AMIT<br>GOKUL<br>SARASWATI | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                   |    |     |    |    |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |   |    |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |   |    |    |            |        |             |  | 58  | F     | -    |
|                                     | 3F                            |                                   | 6F                                   | -  | 10                                | 19 | 4   | F  | 0  | 0  | 14F                            | 13F | -                                    | 13    | 40 | 3   | F  | 0 | 0  | 6F | 11F                | -  | -                            | 17 | 2   | F  | 0  | 0  | 2F | 4F  | 15                 | 14    | 35                                              | 3   | F  | 0 | 0  |    |            |        |             |  |     |       |      |
|                                     | ASES121<br>PR/OR20/50 TW20/50 |                                   |                                      |    |                                   |    |     |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |   |    |    | ASVE111<br>TW20/50 |    |                              |    |     |    |    |    |    |     | ASAE111<br>TW20/50 |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
|                                     | -                             |                                   | -                                    | 39 | 28                                | 67 | 2   | B+ | 7  | 14 | -                              | -   | 37                                   | 28    | 65 | 2   | B+ | 7 | 14 | -  | -                  | -  | 31                           | 31 | 2   | B  | 6  | 12 | -  | -   | -                  | 31    | 31                                              | 2   | B  | 6 | 12 |    |            |        |             |  |     |       |      |
|                                     | ASCC112<br>TW20/50            |                                   |                                      |    |                                   |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
|                                     |                               |                                   |                                      |    |                                   |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
|                                     |                               |                                   |                                      |    |                                   |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
| 50100688545760                      |                               |                                   | -                                    | -  | -                                 | 32 | 32  | 1  | B  | 6  | 6                              |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |
| Semester I: Cr Earned=7, SGPA=0     |                               |                                   |                                      |    | Semester II: Cr Earned=12, SGPA=0 |    |     |    |    |    |                                |     |                                      |       |    |     |    |   |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |



**Result Date: June 24, 2026**

|              |       |                                                   |                                      |    |    |    |    |   |   |   |                                      |    |    |    |    |    |   |    |                              |    |    |    |   |    |    |   |                                                 |   |    |    |                                  |                                   |    |    |    |   |   |   |   |   |    |
|--------------|-------|---------------------------------------------------|--------------------------------------|----|----|----|----|---|---|---|--------------------------------------|----|----|----|----|----|---|----|------------------------------|----|----|----|---|----|----|---|-------------------------------------------------|---|----|----|----------------------------------|-----------------------------------|----|----|----|---|---|---|---|---|----|
| 59           | B2259 | 1835<br>KHOCHARE<br>PIYUSH<br>PRABHAKAR<br>PRACHI | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |    |    |    |   |   |   | ASBS114<br>Ext24/60 Int16/40 TW10/25 |    |    |    |    |    |   |    | ASES122<br>Ext24/60 Int16/40 |    |    |    |   |    |    |   | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |   |    |    |                                  |                                   |    |    | 93 | F | - |   |   |   |    |
|              |       |                                                   | 7F                                   | 16 | -  | 15 | 38 | 4 | F | 0 | 0                                    | 29 | 22 | -  | 15 | 66 | 3 | C  | 5                            | 15 | 35 | 29 | - | -  | 64 | 2 | B                                               | 6 | 12 | 24 | 16                               | 15                                | 14 | 69 |    |   |   | 3 | C | 5 | 15 |
|              |       |                                                   | ASES121<br>PR/OR20/50 TW20/50        |    |    |    |    |   |   |   | ASVSC122<br>PR/OR20/50 TW20/50       |    |    |    |    |    |   |    | ASVE111<br>TW20/50           |    |    |    |   |    |    |   | ASAE111<br>TW20/50                              |   |    |    |                                  |                                   |    |    |    |   |   |   |   |   |    |
|              |       |                                                   | -                                    | -  | 41 | 21 | 62 | 2 | B | 6 | 12                                   | -  | -  | 37 | 29 | 66 | 2 | B+ | 7                            | 14 | -  | -  | - | 22 | 22 | 2 | P                                               | 4 | 8  | -  | -                                | -                                 | 30 | 30 |    |   |   | 2 | B | 6 | 12 |
|              |       |                                                   | ASCC112<br>TW20/50                   |    |    |    |    |   |   |   |                                      |    |    |    |    |    |   |    |                              |    |    |    |   |    |    |   |                                                 |   |    |    |                                  |                                   |    |    |    |   |   |   |   |   |    |
| 318852453982 |       | -                                                 | -                                    | -  | 23 | 23 | 1  | C | 5 | 5 |                                      |    |    |    |    |    |   |    |                              |    |    |    |   |    |    |   |                                                 |   |    |    | Semester I: Cr Earned=16, SGPA=0 | Semester II: Cr Earned=18, SGPA=0 |    |    |    |   |   |   |   |   |    |
|              |       |                                                   |                                      |    |    |    |    |   |   |   |                                      |    |    |    |    |    |   |    |                              |    |    |    |   |    |    |   |                                                 |   |    |    |                                  |                                   |    |    |    |   |   |   |   |   |    |
|              |       |                                                   |                                      |    |    |    |    |   |   |   |                                      |    |    |    |    |    |   |    |                              |    |    |    |   |    |    |   |                                                 |   |    |    |                                  |                                   |    |    |    |   |   |   |   |   |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                               |                                              |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------------------------------------------|
| ASBS121 - APPLIED MATHEMATICS-II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ASBS114 - ENERGY SCIENCE      | ASES122 - ENVIRONMENTAL SCIENCE FOR ENGINEER | CEPC121 - DATA STRUCTURE                        |
| ASES121 - ENGINEERING GRAPHICS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ASVSC122 - PYTHON PROGRAMMING | ASVE111 - UNIVERSAL HUMAN VALUES             | ASAE111 - PROFESSIONAL AND COMMUNICATION ETHICS |
| ASCC112 - CO CURRICULAR COURSE -2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |                                              |                                                 |
| Abbreviations: IA – Internal Assessment, TW – Term Work, ESE – End Semester Examination, OR – Oral, PR – Practical, SGPA – Semester Grade Point Average, CGPA – Cumulative Grade Point Average, @-5042/5043/5044, * - 5045, # - O.229, ! - O.6253, EX - Exemption, + - Carried Forward, F - Fail, AB - Absent, DA - Disallowed, CC - Copy Case, NA - Not Applicable, INT - Internal Assessment, EXT - External, TOT - Total Marks, CP - Credit Points, G - Grade, GP - Grade Points, CG - Credit x Grade, FC - Fail Count, v - Scale Down |                               |                                              |                                                 |
| Grade : O : 10.00-10.00, A+ : 9.00-9.99, A : 8.00-8.99, B+ : 7.00-7.99, B : 6.00-6.99, C : 5.00-5.99, D : 4.00-4.99, F : 0.00-3.99                                                                                                                                                                                                                                                                                                                                                                                                        |                               |                                              |                                                 |



Smt. Indira Gandhi College Of Engineering

An Autonomous Institute With NAAC “A” Grade  
Sector 8, Plot 1, Ghansoli, Navi Mumbai, Maharashtra 400701

FIRST YEAR COMPUTER ENGINEERING - Semester II (SIGCE NEP - 2025 R0) April 2026 (Regular)

Result Date: June 24, 2026

| Sr                                  | Student Id                    | Name                               | Subject Code                         |    |                                   |    |     |    |    |    |                                |     | Subject Code                         |       |    |     |    |    |    |    |                    |    | Subject Code                 |    |     |    |    |    |    |     |                    |       | Subject Code                                    |     |    |   |    |    |            |        |             |  | CG  | Grade | SGPA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------|-------------------------------|------------------------------------|--------------------------------------|----|-----------------------------------|----|-----|----|----|----|--------------------------------|-----|--------------------------------------|-------|----|-----|----|----|----|----|--------------------|----|------------------------------|----|-----|----|----|----|----|-----|--------------------|-------|-------------------------------------------------|-----|----|---|----|----|------------|--------|-------------|--|-----|-------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| No                                  | Seat-No                       | ABC Id                             | ESE                                  | IA | PR/OR                             | TW | TOT | CP | G  | GP | CG                             | ESE | IA                                   | PR/OR | TW | TOT | CP | G  | GP | CG | ESE                | IA | PR/OR                        | TW | TOT | CP | G  | GP | CG | ESE | IA                 | PR/OR | TW                                              | TOT | CP | G | GP | CG | Earn Cred. | Remark | Total Marks |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 61                                  | 1534                          | /KULE SRUSTI<br>SHRIPAT<br>SHRADHA | ASBS121<br>Ext24/60 Int16/40 TW10/25 |    |                                   |    |     |    |    |    |                                |     | ASBS114<br>Ext24/60 Int16/40 TW10/25 |       |    |     |    |    |    |    |                    |    | ASES122<br>Ext24/60 Int16/40 |    |     |    |    |    |    |     |                    |       | CEPC121<br>Ext24/60 Int16/40 PR/OR10/25 TW10/25 |     |    |   |    |    |            |        |             |  | 141 | F     | -    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                     | 15F                           |                                    | 18                                   | -  | 19                                | 52 | 4   | F  | 0  | 0  | 33                             | 30  | -                                    | 21    | 84 | 3   | B+ | 7  | 21 | 45 | 32                 | -  | -                            | 77 | 2   | A  | 8  | 16 | 25 | 29  | 24                 | 24    | 102                                             | 3   | B+ | 7 | 21 |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                     | ASES121<br>PR/OR20/50 TW20/50 |                                    |                                      |    |                                   |    |     |    |    |    | ASVSC122<br>PR/OR20/50 TW20/50 |     |                                      |       |    |     |    |    |    |    | ASVE111<br>TW20/50 |    |                              |    |     |    |    |    |    |     | ASAE111<br>TW20/50 |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                     | -                             |                                    | -                                    | 41 | 38                                | 79 | 2   | A  | 8  | 16 | -                              | -   | 45                                   | 44    | 89 | 2   | O  | 10 | 20 | -  | -                  | -  | 45                           | 45 | 2   | O  | 10 | 20 | -  | -   | -                  | 42    | 42                                              | 2   | A+ | 9 | 18 |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                     | ASCC112<br>TW20/50            |                                    |                                      |    |                                   |    |     |    |    |    |                                |     |                                      |       |    |     |    |    |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                     | B2261                         | 429439979569                       | -                                    | -  | -                                 | 42 | 42  | 1  | A+ | 9  | 9                              |     |                                      |       |    |     |    |    |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Semester I: Cr Earned=20, SGPA=6.85 |                               |                                    |                                      |    | Semester II: Cr Earned=18, SGPA=0 |    |     |    |    |    |                                |     |                                      |       |    |     |    |    |    |    |                    |    |                              |    |     |    |    |    |    |     |                    |       |                                                 |     |    |   |    |    |            |        |             |  |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |