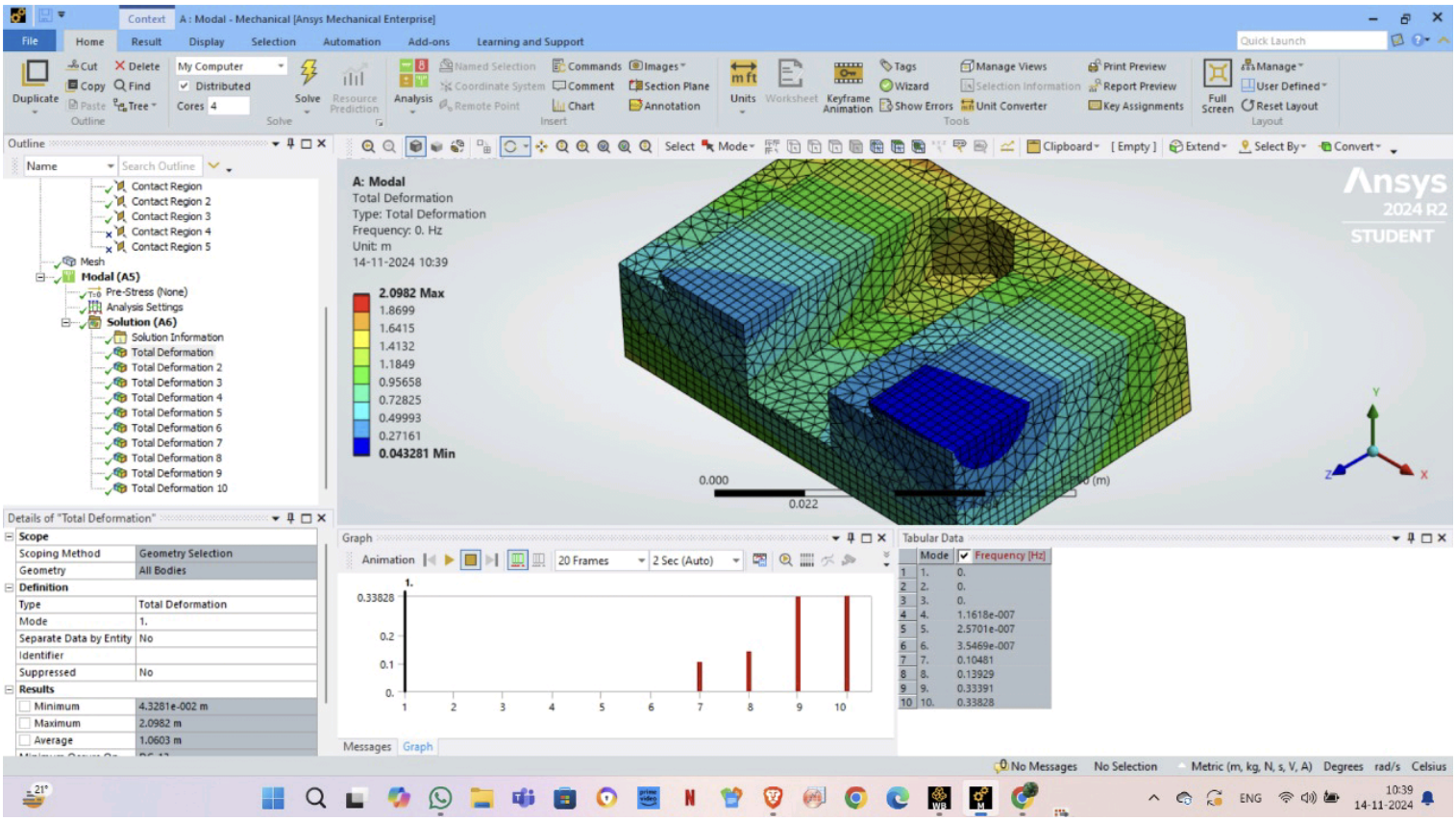
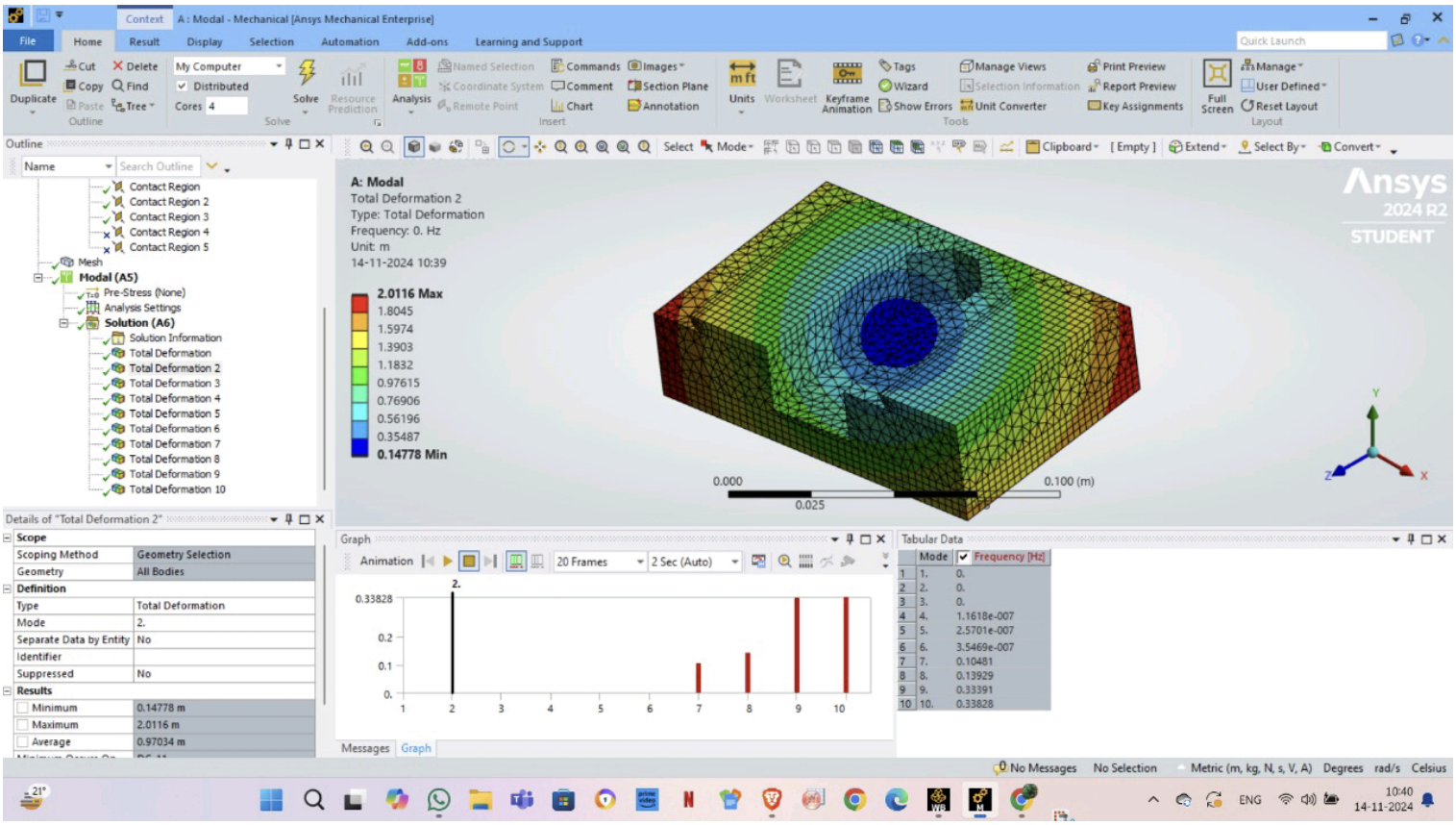
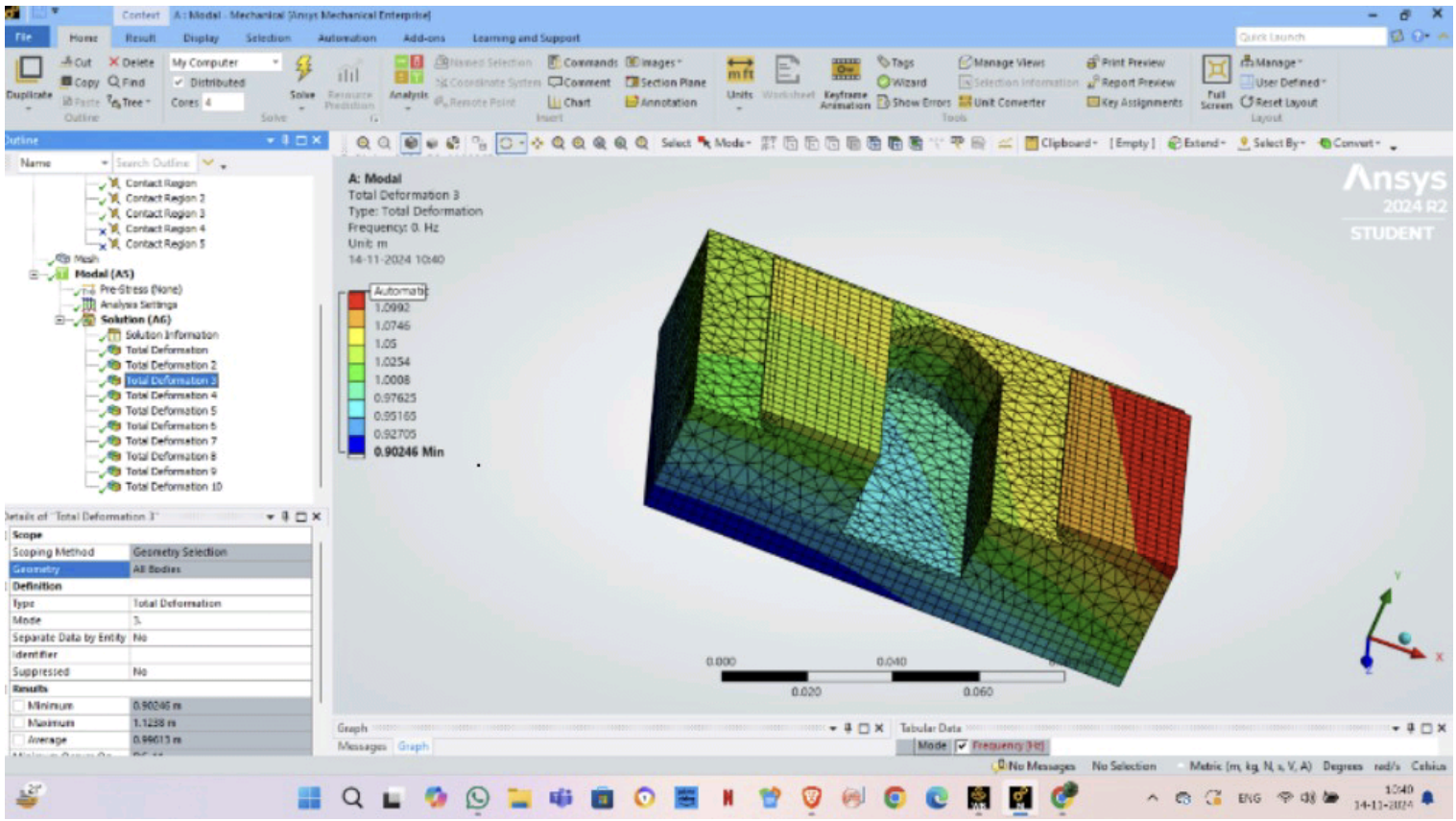
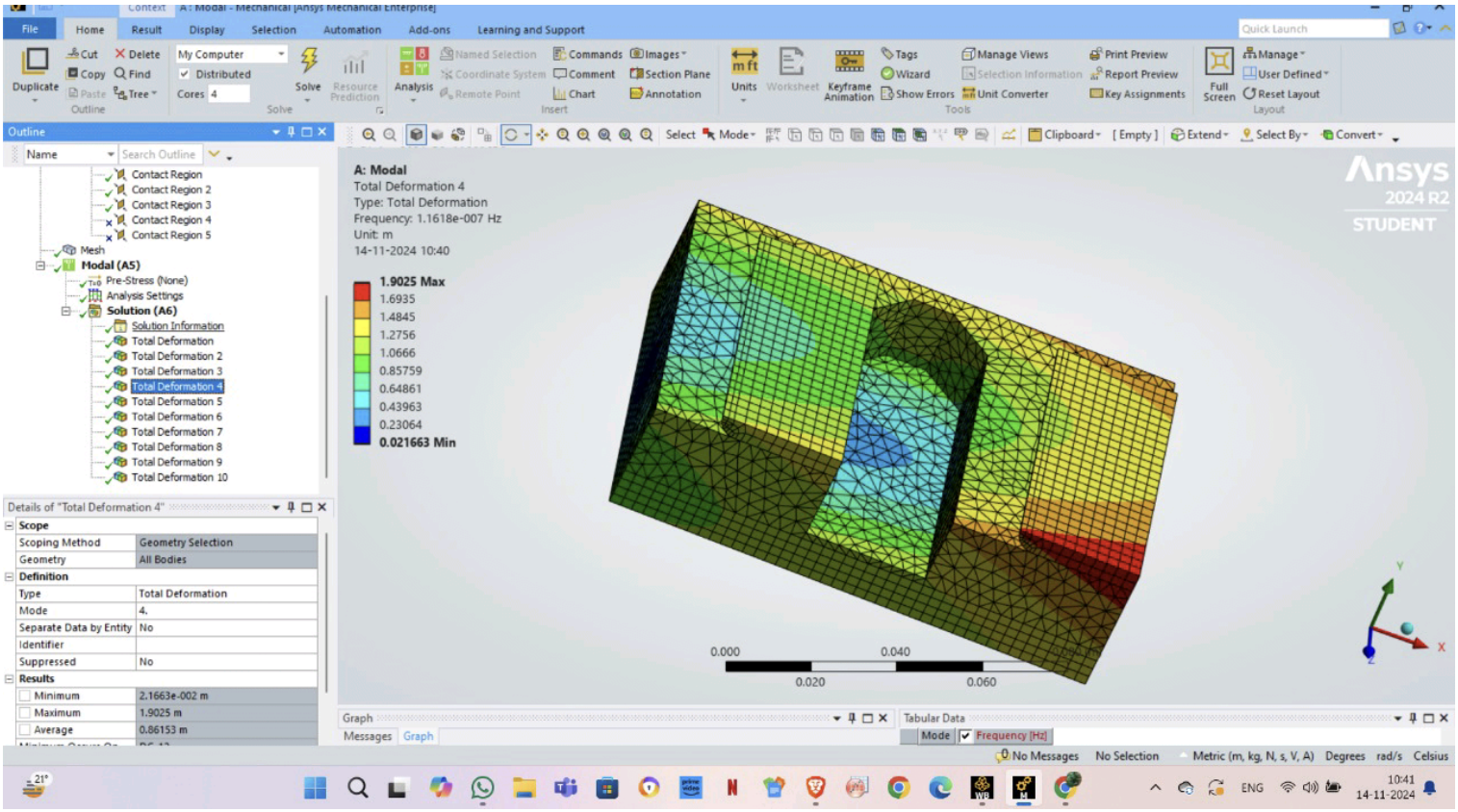
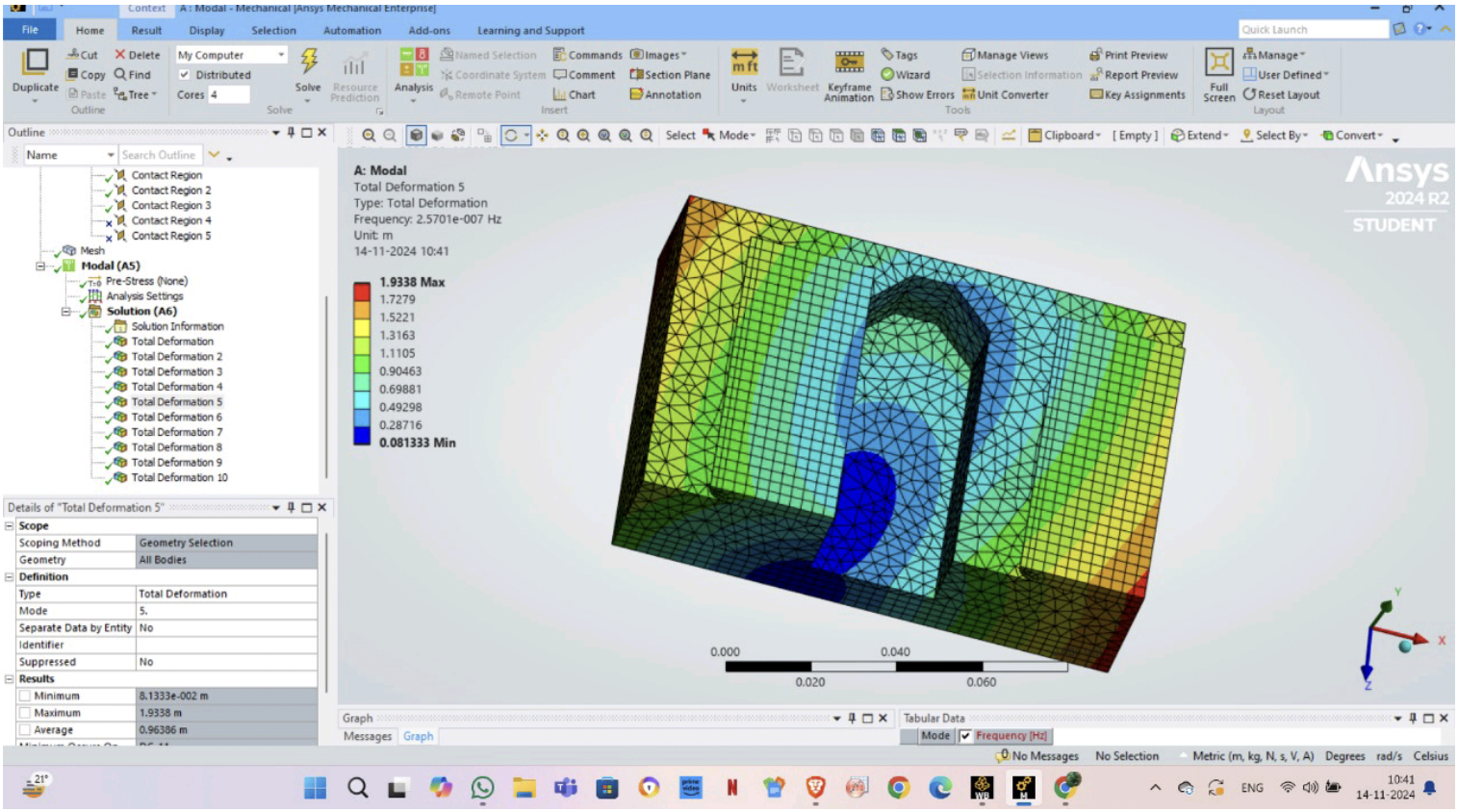
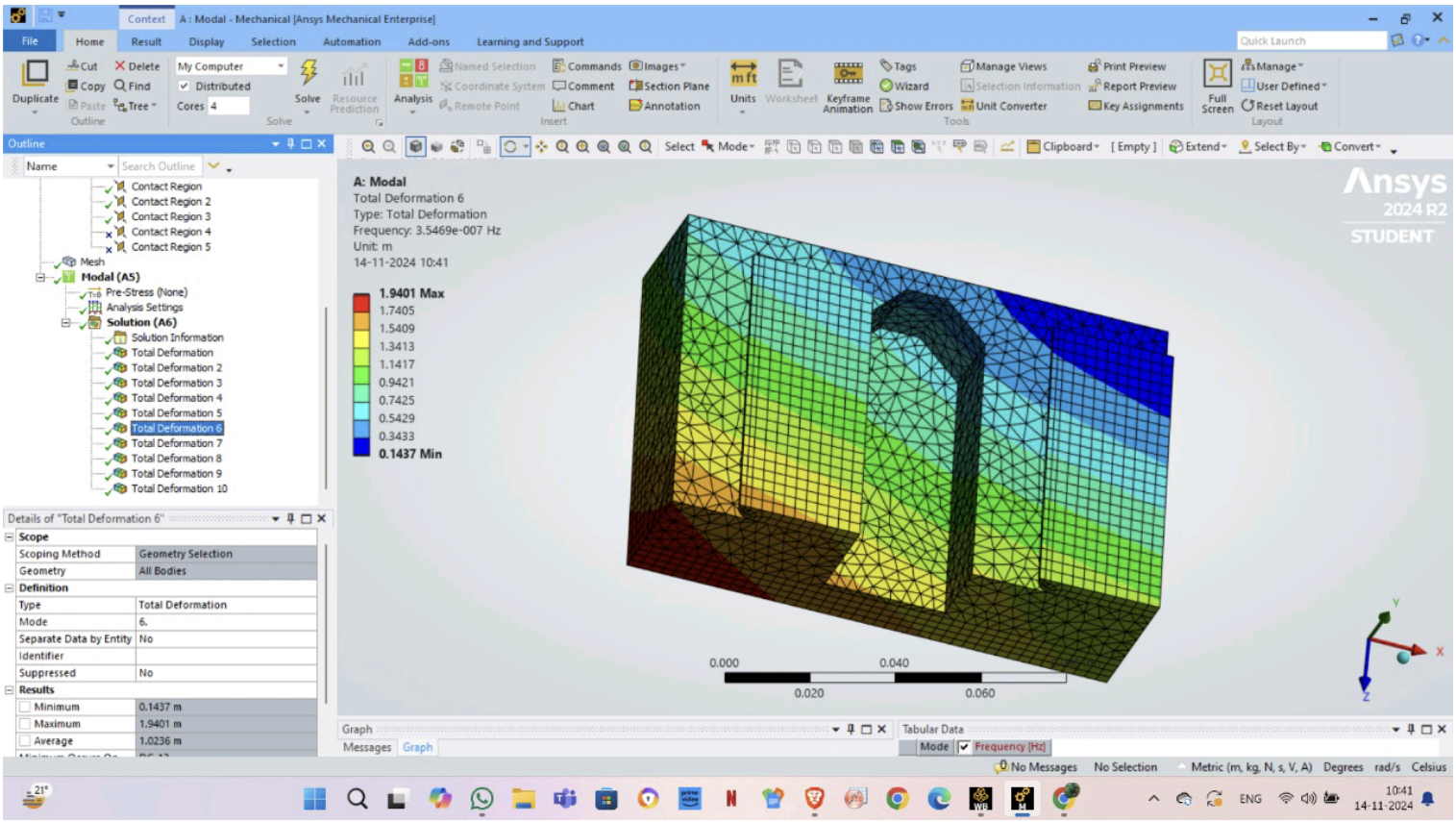

A : Modal - Mechanical [Ansys Mechanical Enterprise]
Outline
Contact Region
Contact Region 2
Contact Region 3
Contact Region 4
Contact Region 5
Mesh
Modal (A5)
Pre-Stress (None)
Analysis Settings
Solution (A6)
Solution Information
Total Deformation
Total Deformation 2
Total Deformation 3
Total Deformation 4
Total Deformation 5
Total Deformation 6
Total Deformation 7
Total Deformation 8
Total Deformation 9
Total Deformation 10
A: Modal
Total Deformation
Type: Total Deformation
Frequency: 0. Hz
Unit: m
14-11-2024 10:39
2.0982 Max
1.8699
1.6415
1.4132
1.1849
0.95658
0.72825
0.49993
0.27161
0.043281 Min
Ansys
2024 R2
STUDENT
Details of "Total Deformation"
Scope
Scoping Method Geometry Selection
Geometry All Bodies
Definition
Type Total Deformation
Mode 1.
Separate Data by Entity No
Identifier
Suppressed No
Results
Minimum 4.3281e-002 m
Maximum 2.0982 m
Average 1.0603 m
Graph
Tabular Data
Mode Frequency [Hz]
1 1. 0.
2 2. 0.
3 3. 0.
4 4. 1.1618e-007
5 5. 2.5701e-007
6 6. 3.5469e-007
7 7. 0.10481
8 8. 0.13929
9 9. 0.33391
10 10. 0.33828

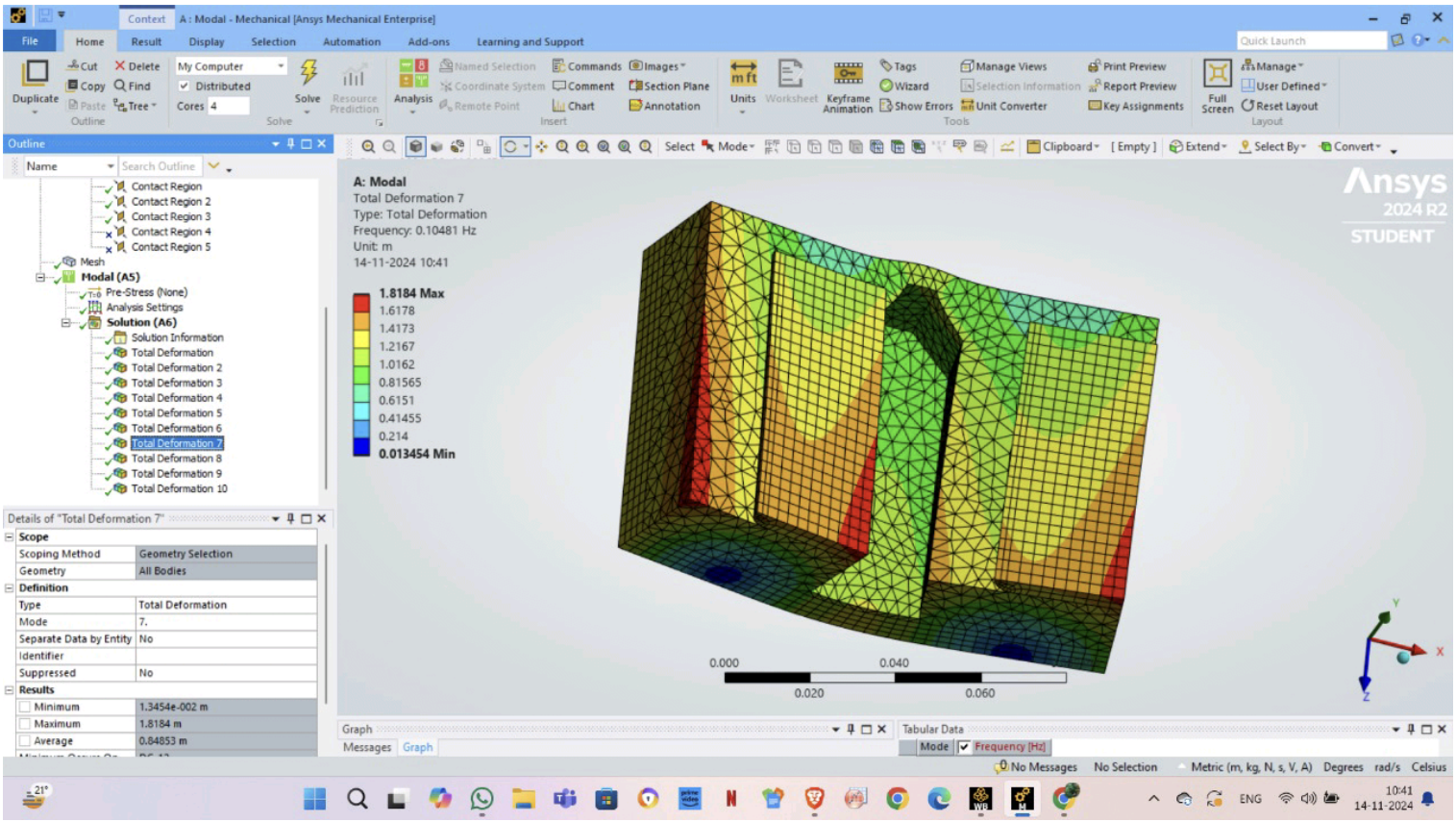

A: Modal - Mechanical [Ansys Mechanical Enterprise]
A: Modal
Total Deformation 2
Type: Total Deformation
Frequency: 0. Hz
Unit: m
14-11-2024 10:39
2.0116 Max
1.8045
1.5974
1.3903
1.1832
0.97615
0.76906
0.56196
0.35487
0.14778 Min
0.000
0.025
0.100 (m)
Ansys
2024 R2
STUDENT
Contact Region
Contact Region 2
Contact Region 3
Contact Region 4
Contact Region 5
Mesh
Modal (A5)
Pre-Stress (None)
Analysis Settings
Solution (A6)
Solution Information
Total Deformation
Total Deformation 2
Total Deformation 3
Total Deformation 4
Total Deformation 5
Total Deformation 6
Total Deformation 7
Total Deformation 8
Total Deformation 9
Total Deformation 10
Details of "Total Deformation 2"
Scope
Scoping Method Geometry Selection
Geometry All Bodies
Definition
Type Total Deformation
Mode 2.
Separate Data by Entity No
Identifier
Suppressed No
Results
Minimum 0.14778 m
Maximum 2.0116 m
Average 0.97034 m
Graph
Tabular Data
Mode Frequency [Hz]
1 1. 0.
2 2. 0.
3 3. 0.
4 4. 1.1618e-007
5 5. 2.5701e-007
6 6. 3.5469e-007
7 7. 0.10481
8 8. 0.13929
9 9. 0.33391
10 10. 0.33828

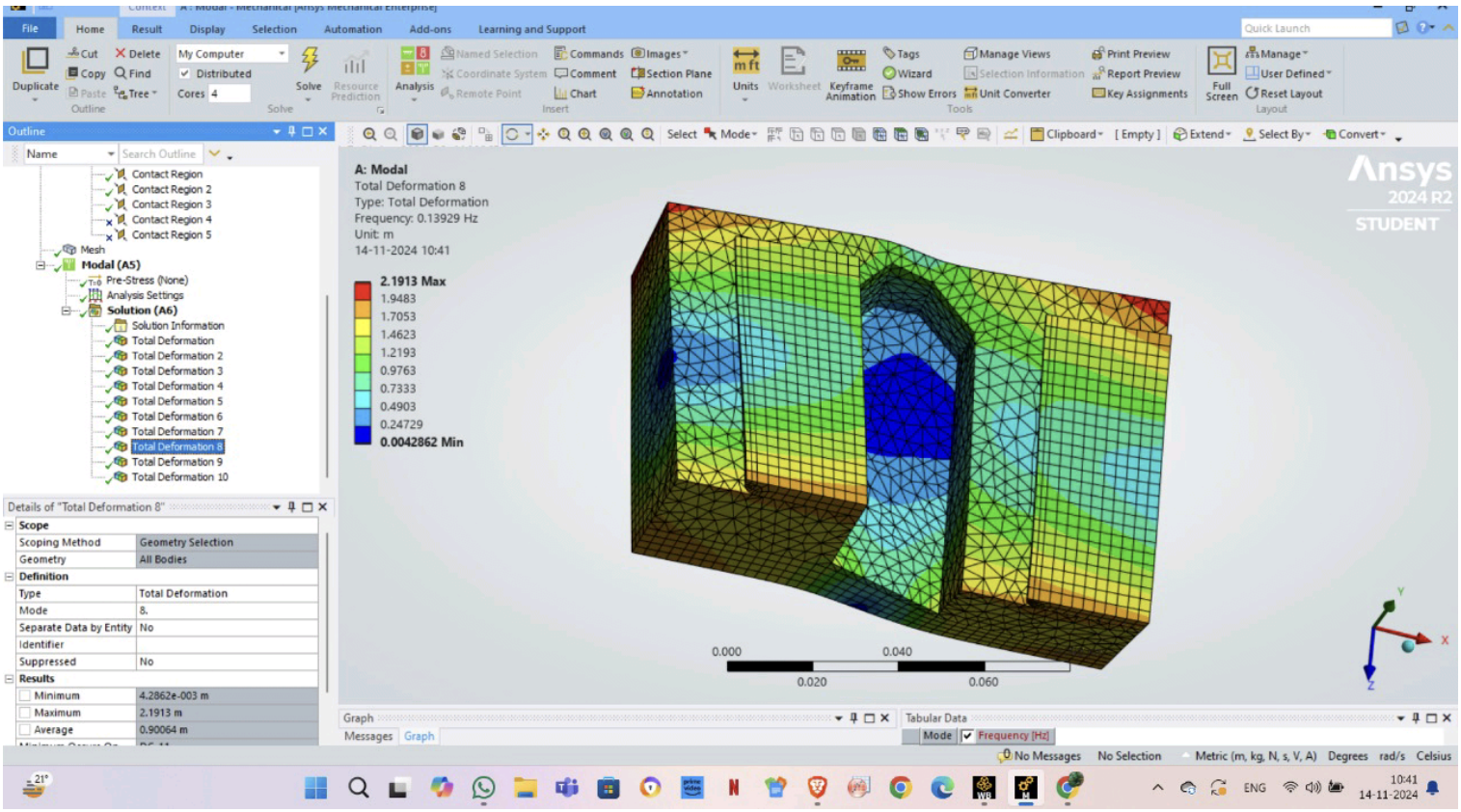

A: Modal
Total Deformation 3
Type: Total Deformation
Frequency: 0. Hz
Unit: m
14-11-2024 10:40
Automatic
1.0992
1.0746
1.05
1.0254
1.0008
0.97625
0.95165
0.92705
0.90246 Min
Ansys
2024 R2
STUDENT
0.000
0.040
0.020
0.060
Contact Region
Contact Region 2
Contact Region 3
Contact Region 4
Contact Region 5
Mesh
Modal (A5)
Pre-Stress (None)
Analysis Settings
Solution (A6)
Solution Information
Total Deformation
Total Deformation 2
Total Deformation 3
Total Deformation 4
Total Deformation 5
Total Deformation 6
Total Deformation 7
Total Deformation 8
Total Deformation 9
Total Deformation 10
Details of "Total Deformation 3"
Scope
Scoping Method Geometry Selection
Geometry All Bodies
Definition
Type Total Deformation
Mode 3.
Separate Data by Entity No
Identifier
Suppressed No
Results
Minimum 0.90246 m
Maximum 1.1238 m
Average 0.99613 m

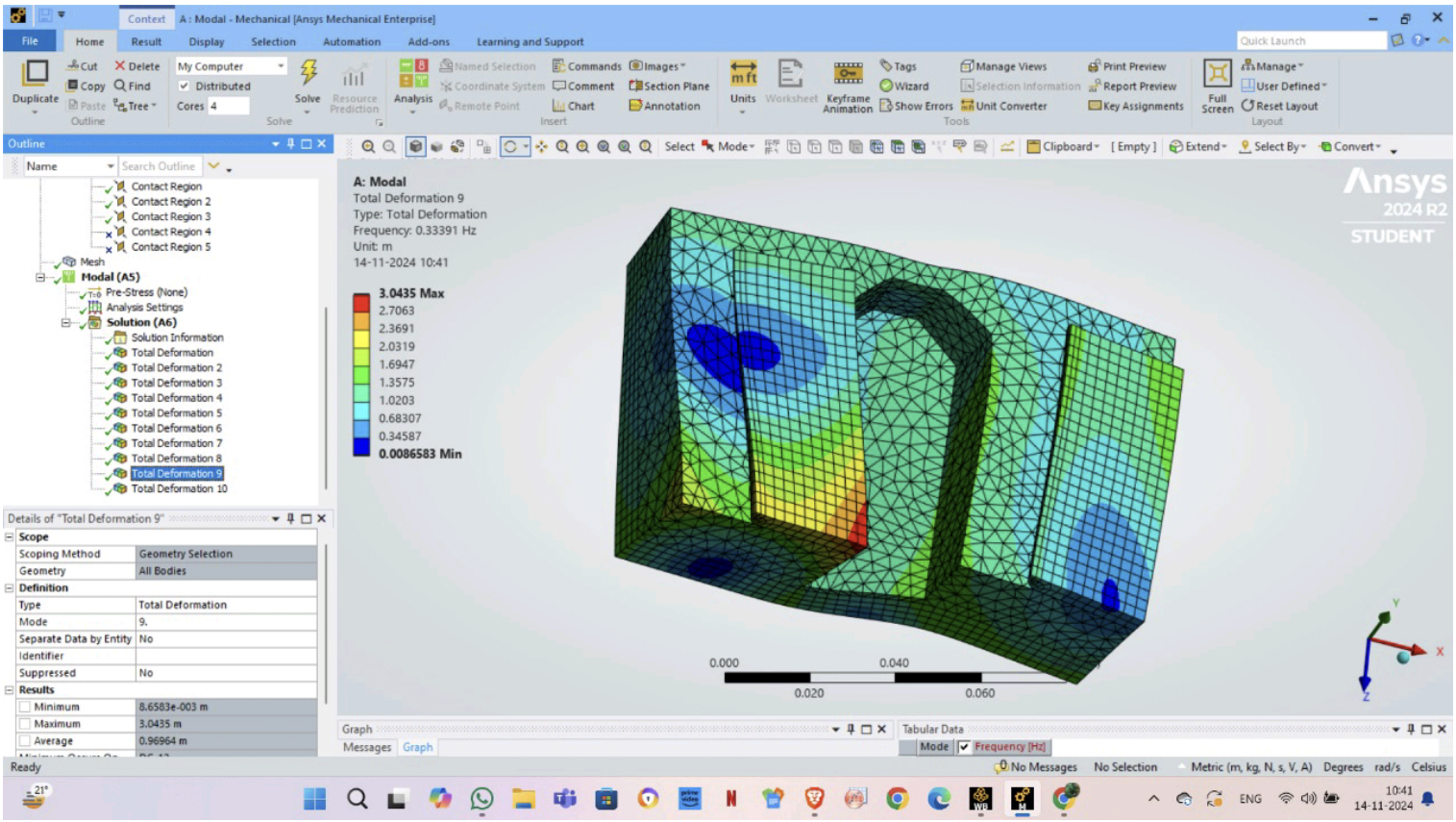

A: Modal
Total Deformation 4
Type: Total Deformation
Frequency: 1.1618e-007 Hz
Unit: m
14-11-2024 10:40
1.9025 Max
1.6935
1.4845
1.2756
1.0666
0.85759
0.64861
0.43963
0.23064
0.021663 Min
0.000
0.040
0.020
0.060
Ansys
2024 R2
STUDENT
Details of "Total Deformation 4"
Scope
Scoping Method
Geometry Selection
Geometry
All Bodies
Definition
Type
Total Deformation
Mode
4.
Separate Data by Entity
No
Identifier
Suppressed
No
Results
Minimum
2.1663e-002 m
Maximum
1.9025 m
Average
0.86153 m

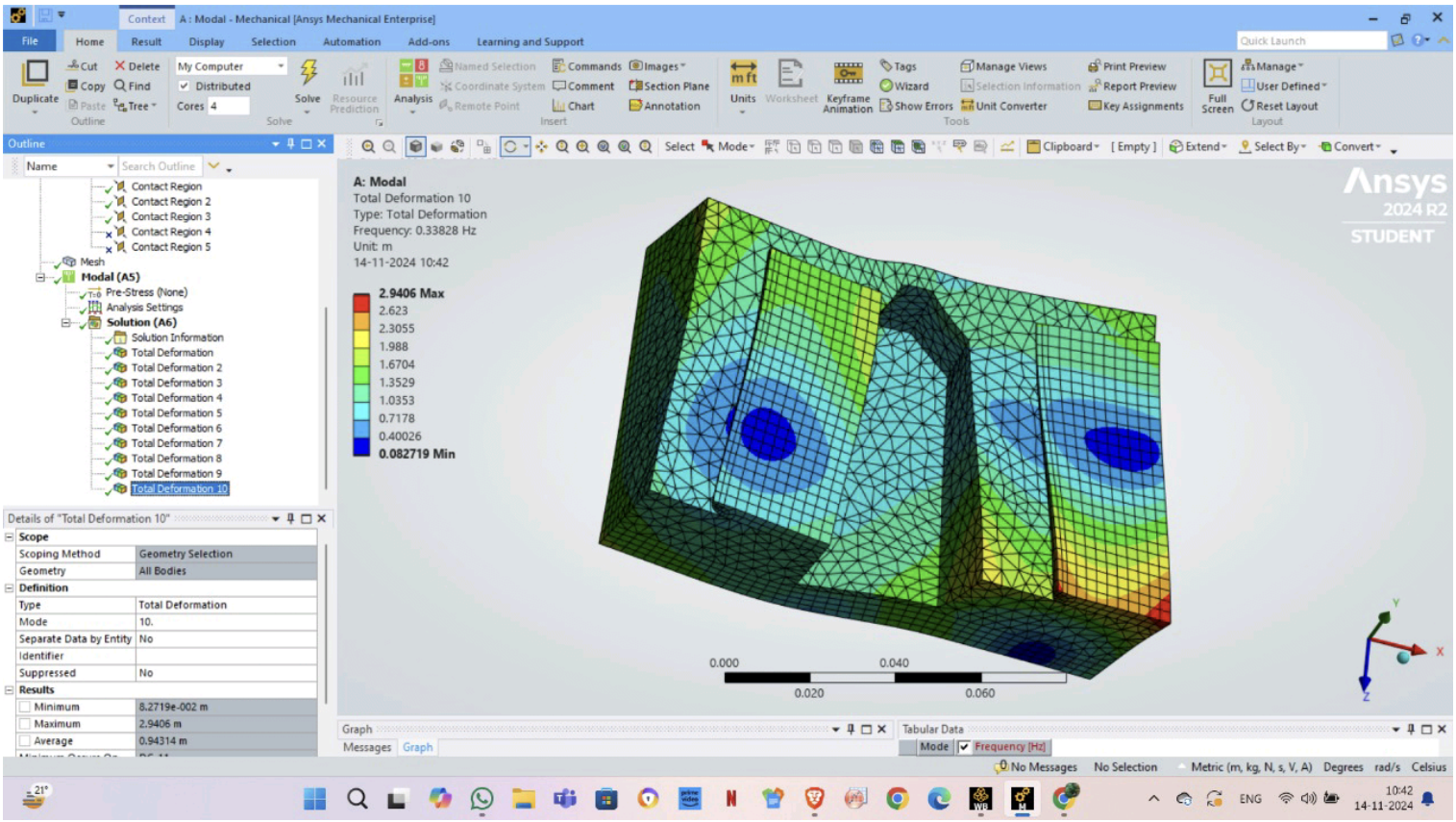

A: Modal
Total Deformation 5
Type: Total Deformation
Frequency: 2.5701e-007 Hz
Unit: m
14-11-2024 10:41
1.9338 Max
1.7279
1.5221
1.3163
1.1105
0.90463
0.69881
0.49298
0.28716
0.081333 Min
0.000
0.040
0.020
0.060
Ansys
2024 R2
STUDENT
Details of "Total Deformation 5"
Scope
Scoping Method
Geometry Selection
Geometry
All Bodies
Definition
Type
Total Deformation
Mode
5.
Separate Data by Entity
No
Identifier
Suppressed
No
Results
Minimum
8.1333e-002 m
Maximum
1.9338 m
Average
0.96386 m


A: Modal - Mechanical [Ansys Mechanical Enterprise]
Outline
Contact Region
Contact Region 2
Contact Region 3
Contact Region 4
Contact Region 5
Mesh
Modal (A5)
Pre-Stress (None)
Analysis Settings
Solution (A6)
Solution Information
Total Deformation
Total Deformation 2
Total Deformation 3
Total Deformation 4
Total Deformation 5
Total Deformation 6
Total Deformation 7
Total Deformation 8
Total Deformation 9
Total Deformation 10
Details of "Total Deformation 6"
Scope
Scoping Method Geometry Selection
Geometry All Bodies
Definition
Type Total Deformation
Mode 6.
Separate Data by Entity No
Identifier
Suppressed No
Results
Minimum 0.1437 m
Maximum 1.9401 m
Average 1.0236 m
A: Modal
Total Deformation 6
Type: Total Deformation
Frequency: 3.5469e-007 Hz
Unit: m
14-11-2024 10:41
1.9401 Max
1.7405
1.5409
1.3413
1.1417
0.9421
0.7425
0.5429
0.3433
0.1437 Min
0.000
0.040
0.020
0.060
Ansys
2024 R2
STUDENT
Graph
Tabular Data
Mode
Frequency [Hz]
No Messages
No Selection
Metric (m, kg, N, s, V, A) Degrees rad/s Celsius
10:41
14-11-2024


A : Modal - Mechanical [Ansys Mechanical Enterprise]
Outline
Contact Region
Contact Region 2
Contact Region 3
Contact Region 4
Contact Region 5
Mesh
Modal (A5)
Pre-Stress (None)
Analysis Settings
Solution (A6)
Solution Information
Total Deformation
Total Deformation 2
Total Deformation 3
Total Deformation 4
Total Deformation 5
Total Deformation 6
Total Deformation 7
Total Deformation 8
Total Deformation 9
Total Deformation 10
Details of "Total Deformation 7"
Scope
Scoping Method Geometry Selection
Geometry All Bodies
Definition
Type Total Deformation
Mode 7.
Separate Data by Entity No
Identifier
Suppressed No
Results
Minimum 1.3454e-002 m
Maximum 1.8184 m
Average 0.84853 m
A: Modal
Total Deformation 7
Type: Total Deformation
Frequency: 0.10481 Hz
Unit: m
14-11-2024 10:41
1.8184 Max
1.6178
1.4173
1.2167
1.0162
0.81565
0.6151
0.41455
0.214
0.013454 Min
Ansys
2024 R2
STUDENT
0.000
0.040
0.020
0.060
Graph
Tabular Data
Mode
Frequency [Hz]
No Messages
No Selection
Metric (m, kg, N, s, V, A) Degrees rad/s Celsius
10:41
14-11-2024


A: Modal
Total Deformation 8
Type: Total Deformation
Frequency: 0.13929 Hz
Unit: m
14-11-2024 10:41
2.1913 Max
1.9483
1.7053
1.4623
1.2193
0.9763
0.7333
0.4903
0.24729
0.0042862 Min
0.000
0.040
0.020
0.060
Ansys
2024 R2
STUDENT
Details of "Total Deformation 8"
Scope
Scoping Method Geometry Selection
Geometry All Bodies
Definition
Type Total Deformation
Mode 8.
Separate Data by Entity No
Identifier
Suppressed No
Results
Minimum 4.2862e-003 m
Maximum 2.1913 m
Average 0.90064 m


A: Modal - Mechanical [Ansys Mechanical Enterprise]
Outline
Contact Region
Contact Region 2
Contact Region 3
Contact Region 4
Contact Region 5
Mesh
Modal (A5)
Pre-Stress (None)
Analysis Settings
Solution (A6)
Solution Information
Total Deformation
Total Deformation 2
Total Deformation 3
Total Deformation 4
Total Deformation 5
Total Deformation 6
Total Deformation 7
Total Deformation 8
Total Deformation 9
Total Deformation 10
Details of "Total Deformation 9"
Scope
Scoping Method Geometry Selection
Geometry All Bodies
Definition
Type Total Deformation
Mode 9.
Separate Data by Entity No
Identifier
Suppressed No
Results
Minimum 8.6583e-003 m
Maximum 3.0435 m
Average 0.96964 m
A: Modal
Total Deformation 9
Type: Total Deformation
Frequency: 0.33391 Hz
Unit: m
14-11-2024 10:41
3.0435 Max
2.7063
2.3691
2.0319
1.6947
1.3575
1.0203
0.68307
0.34587
0.0086583 Min
Ansys
2024 R2
STUDENT
0.000
0.040
0.020
0.060
Graph
Tabular Data
Ready


A: Modal - Mechanical [Ansys Mechanical Enterprise]
Outline
Contact Region
Contact Region 2
Contact Region 3
Contact Region 4
Contact Region 5
Mesh
Modal (A5)
Pre-Stress (None)
Analysis Settings
Solution (A6)
Solution Information
Total Deformation
Total Deformation 2
Total Deformation 3
Total Deformation 4
Total Deformation 5
Total Deformation 6
Total Deformation 7
Total Deformation 8
Total Deformation 9
Total Deformation 10
Details of "Total Deformation 10"
Scope
Scoping Method Geometry Selection
Geometry All Bodies
Definition
Type Total Deformation
Mode 10.
Separate Data by Entity No
Identifier
Suppressed No
Results
Minimum 8.2719e-002 m
Maximum 2.9406 m
Average 0.94314 m
A: Modal
Total Deformation 10
Type: Total Deformation
Frequency: 0.33828 Hz
Unit: m
14-11-2024 10:42
2.9406 Max
2.623
2.3055
1.988
1.6704
1.3529
1.0353
0.7178
0.40026
0.082719 Min
0.000
0.040
0.020
0.060
Ansys
2024 R2
STUDENT
Graph
Tabular Data
Mode
Frequency [Hz]
No Messages
No Selection
Metric (m, kg, N, s, V, A) Degrees rad/s Celsius
10:42
14-11-2024