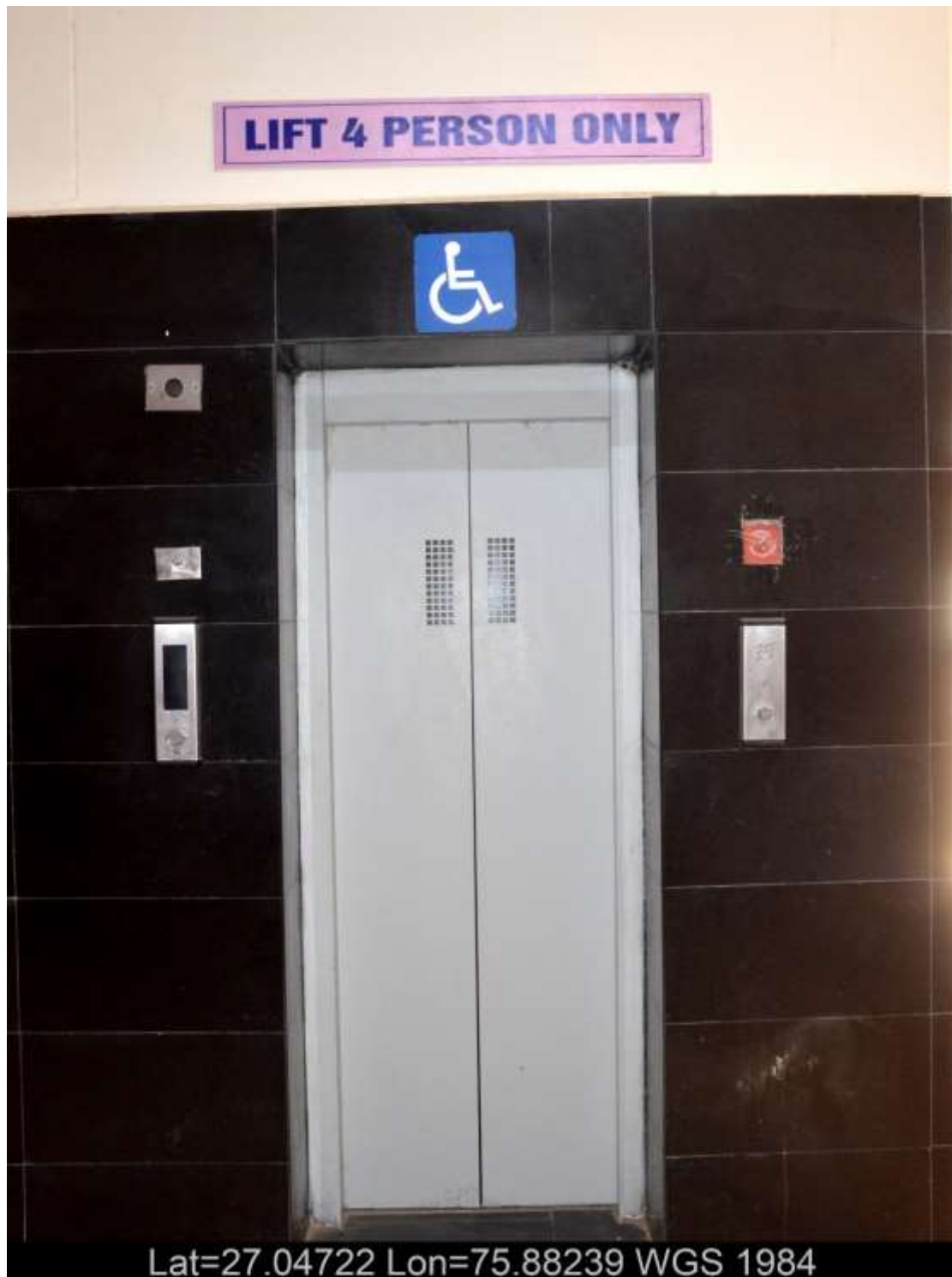




7.1.7 - Disabled-friendly, barrier free environment

1. Ramps and Lift in Academic Building





ARYA College of Engg. & Research Centre (ACERC)

- (Affiliated to Rajasthan Technical University, Kota)
- SP-40, RIICO Industrial Area, RIICO-Kukas, Jaipur-302028
- Ph. 0141-2820731/32/33

- Approved by AICTE, New Delhi
- Website: www.acerc.org



Lat=27.02489 Lon=75.88357 WGS 1984

2. Disabled-friendly washrooms



Lat=27.04653 Lon=75.90836 WGS 1984



ARYA College of Engg. & Research Centre (ACERC)

- (Affiliated to Rajasthan Technical University, Kota)
- SP-40, RIICO Industrial Area, RIICO-Kukas, Jaipur-302028
- Ph. 0141-2820731/32/33

- Approved by AICTE, New Delhi
- Website: www.acerc.org

3. Soft copies of reading material

Engineering Notes

REWARD FOR ALL ENGINEERING STUDENTS Make a Target & Move ahead

BEST ENGINEERING NOTES FOR BEST RESULT

AVAILABLE FOR ALL SEMESTER
CSE, IT, ECE, EE, CIVIL, Mechanical

Login User

Name:

Password:

Login Registration

UNIT - I BLOWN UP	
RTU SYLLABUS	BLOWN UP TOPICS
Concept of stress and strain in three dimensions and generalized Hooke's law; Young's modulus; Tension test of mild steel and other materials: true and apparent stress, ultimate strength, yield stress and permissible stress; Stresses in prismatic & non prismatic members and in composite members; Thermal stresses; Shear stress, Shear strain, Modulus of rigidity, Complementary shear stress; Poisson's ratio, Volumetric strain, Bulk modulus, relation between elastic constants; Stresses in composite members, Compatibility condition	<u>1.0 Important Definitions</u> <u>1.1 Stress</u> <u>1.1.1 Types of Direct Stress</u> <u>1.1.2 Tensile stress</u> <u>1.1.3 Compressive stress</u> <u>1.1.4 Shear stress</u> <u>1.2 Strain</u> <u>1.3 Tension Test Of Mild Steel</u> <u>1.4 Elasticity & Elastic Limit</u> <u>1.5 Hooke's Law & Elastic Moduli</u> <u>1.6 Constitutive Relationships Between Stress & Strain</u> <u>1.7 Analysis of Bars of Varying Cross Section</u> <u>1.8 Analysis of Uniformly Tapering Circular Rod</u> <u>1.9 Analysis Of Uniformly Tapering Rectangular Bar</u> <u>1.10 Analysis of Bars of Composite Sections</u> <u>1.11 Elongation Of The Bar Due To Its Own Weight</u> <u>1.12 Thermal Stress</u> <u>1.13 Elastic Constant</u> <u>1.14 Relationship between E, G and K</u> <u>1.15 Strain Energy in Bars</u>



- (Affiliated to Rajasthan Technical University, Kota)
- SP-40, RIICO Industrial Area, RIICO-Kukas, Jaipur-302028
- Ph. 0141-2820731/32/33

- Approved by AICTE, New Delhi
- Website: www.acerc.org

4. Signage including tactile path, lights, display boards and signposts





- (Affiliated to Rajasthan Technical University, Kota)
- SP-40, RIICO Industrial Area, RIICO-Kukas, Jaipur-302028
- Ph. 0141-2820731/32/33

- Approved by AICTE, New Delhi
- Website: www.acerc.org

5. Wheelchair and Human Assistance for physically disabled

