



1995-2025

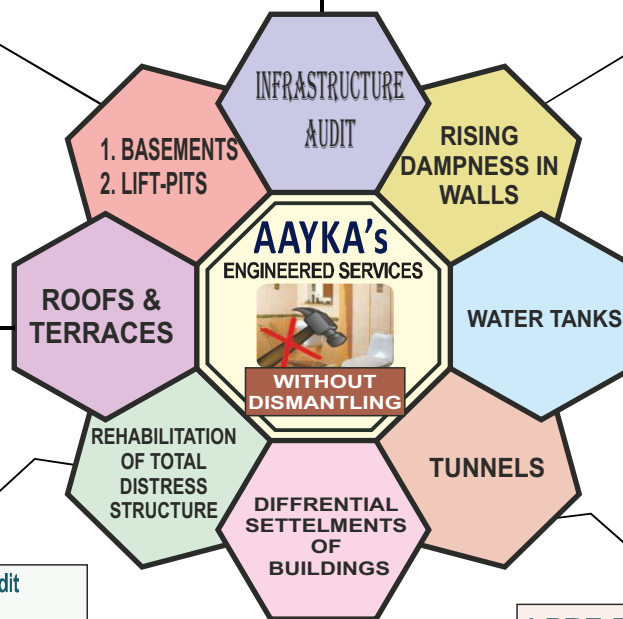
30 YEARS CELEBRATION OF DEDICATED SERVICES TO THE NATION

1. PRE-POST Infrastructure Audit
2. 3 Stage Injection grouting.
3. Entrapped Dampness Management Protocol.

- Infrastructure Audit**
1. Visual inspection.
 2. Carbonation test.
 3. Residual Moisture content Monitoring.

1. PRE-POST Infrastructure Audit.
2. Waterproofing of DPC/ Source of leakages.
3. Entrapped dampness management protocol.
4. Surface coating / impregnation

1. PRE-POST Infrastructure Audit
2. Injection Grouting.
3. Impregnation
4. Surface coating/ membranes.
5. Entrapped Dampness Management Protocol.



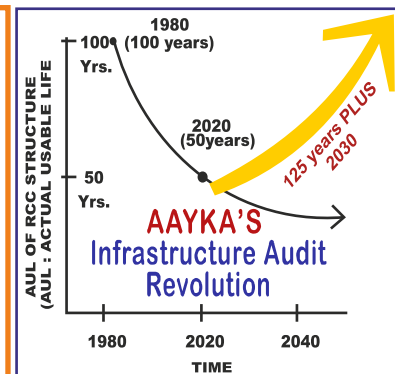
1. PRE-POST Infrastructure Audit.
2. Injection Grouting protocol with Dr. Miracle Grouts
3. Surface Coatings.
4. Stitching cracks with shear keys etc.

1. PRE-POST Infrastructure Audit
2. Restoration.
- 2.1. Stitching of cracks.
- 2.2. Epoxy Grouting.
- 2.3. Injection grouting with Aquabond.
3. Fiber glass wrapping
4. Entrapped Dampness Management Protocol.

1. PRE-POST Infrastructure Audit.
2. Stabilization of Foundations
3. Stabilization of soil / Strata / Hill.

1. PRE-POST Infrastructure Audit
2. 3 Stage Injection grouting.
3. Entrapped Dampness Management Protocol.

Entrapped Dampness /High residual Moisture content above BIS Standards more than 3 Months is like a **CANCER** for RCC, as it corrodes the steel of RCC. On corrosion, steel Expands & Disintegrates the RCC, thus **reducing the service life** of the structures. Our country is losing 6-8% of the GDP annually [i.e., Rs. 5 Lac Crore annually; Rs. 500 Lac crore in last 43 years] to the losses due to corrosion. Therefore, please adopt the **INFRASTRUCTURE AUDIT AND ENTRAPPED DAMPNESS MANAGEMENT PROTOCOL** to release the excess high residual moisture content in your structures along with the other recommended protocols to reduce the corrosion related early distress losses. This shall finally give us sustainable structures with the desired service life.



CLIENTS | | ITPO | WHO | RASHTRAPATI BHAWAN | DEFENCE | IIT | SHREE CEMENT | CPWD | NSG | | HOSPITALS | BIRLA | HCC



BHARAT MANDAPAM

Proud to be associated with



venue



RASHTRAPATI BHAWAN MUSEUM

and other esteemed projects waterproofing of roof, tunnels, lift pits and (-2) Basements etc.



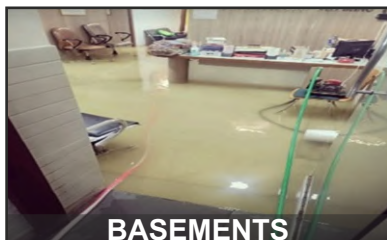
DIFFERENTIAL SETTLEMENT AND LAND SUBSIDENCE

SHRI MATA VAISHNO DEVI SHRINE BOARD, KATRA

NEED OF THE HOUR INFRASTRUCTURE MOISTURE AUDIT



The Importance / Benefit / Advantages of **INFRASTRUCTURE MOISTURE AUDIT & ENTRAPPED DAMPNESS MANAGEMENT PROTOCOL** is that the service **LIFE / ACTUAL USABLE LIFE OF STRUCTURE WILL INCREASE BY 20-30 years**



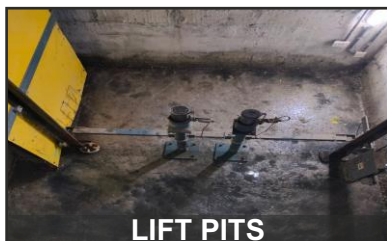
BASEMENTS



TUNNELS



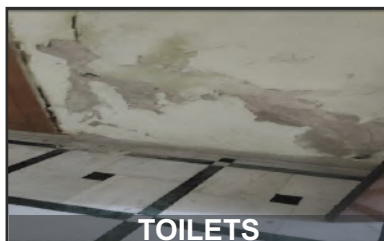
SWIMMING POOLS



LIFT PITS



RISING DAMPNESS IN WALLS



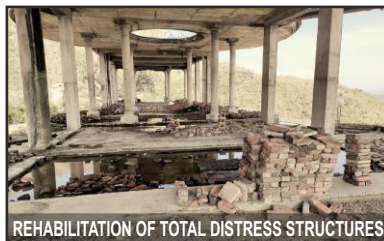
TOILETS



RCC DISTRESS (BALCONIES)



LAND SUBSIDENCE



REHABILITATION OF TOTAL DISTRESS STRUCTURES



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