



PAT ARCHITECTURE & CONSTRUCTIONS

Exclusive Services

Our engineering and construction services are designed to deliver strength, precision, and reliability at every stage of a project. From initial planning and design to execution and final handover, we provide end-to-end solutions tailored to meet client requirements.

1. Initial Consultation & Requirement Analysis

- Understand client needs, goals, and budget
- Site visit and feasibility study
- Preliminary discussions on design options

2. Survey & Site Investigation

- Land and topographical survey
- Soil testing and geotechnical study
- Environmental and regulatory assessment

3. Conceptual & Preliminary Design

- Draft layouts and engineering concepts
- Structural, civil, and MEP planning outlines
- Sustainable and cost-effective design proposals

4. Detailed Engineering & Documentation

- Final working drawings and specifications
- Structural analysis and safety compliance
- BOQ (Bill of Quantities) and cost estimates

5. Approvals & Permits

- Preparation of drawings for submission
- Liaison with authorities for approvals
- Compliance with local building codes & standards

6. Construction Planning & Scheduling

- Project timeline development (Gantt/CPM charts)
- Resource allocation and procurement planning
- Safety and quality assurance strategy

7. Execution & Site Supervision

- On-site monitoring and technical supervision
- Coordination with contractors and vendors
- Ensuring quality, safety, and timely delivery

8. Testing & Commissioning

- Structural safety checks
- MEP systems testing (electrical, HVAC, plumbing)
- Final inspection and snag list clearance

9. Project Handover

- Delivery of completed project with documentation
- As-built drawings and maintenance manuals
- Client training where required (systems/equipment)

10. Post-Project Support & Maintenance

- Periodic inspection and maintenance services
- Renovation, retrofitting, or upgrades if needed
- Long-term client support for performance assurance

CONTACT US:

+91- 98401 48461

34, 2nd Floor, Kabilar Street,
Plavanthangal, Chennai- 600114.

patprojects@outlook.com