



## Jalayana Engineering & Services Private Limited

Shop No. 21, 3rd Floor, Eshanya Building, Opp. Amrut Hotel, Karwar - 581 301, Uttara Kannada, Karnataka  
Mob.: 78922 08329 | 73854 73874 | 99861 22379

## COMPANY PROFILE

*One-stop marine engineering & ship maintenance solutions*

Marine Engineering • Ship Repair • Technical Services • Turnkey Maintenance

### 1. Company Introduction

Jalayana Engineering & Services Private Limited (JESPL) is a marine engineering and technical services company established to provide integrated ship machinery maintenance, repair, refurbishment and project-execution services. JESPL is positioned as a one-stop technical partner for shipyards, vessel owners, operators and marine projects, with a service portfolio covering mechanical, electrical, instrumentation, piping, accommodation, galley, insulation, painting and testing works.

Our operating philosophy is simple: understand the equipment and vessel requirement, plan the job correctly, execute safely and systematically, test the completed work, and provide clear technical documentation.

### 2. Vision

To build JESPL into a trusted and technically capable marine engineering service partner for ship repair, shipbuilding, vessel maintenance and industrial marine applications.

### 3. Mission

- Deliver dependable engineering and ship-maintenance services with strong technical supervision.
- Provide responsive field support for critical marine machinery and equipment.
- Execute multi-discipline projects through disciplined planning, skilled manpower and controlled subcontracting where specialist facilities are required.
- Maintain strong focus on safety, quality, traceability and customer satisfaction.
- Develop long-term relationships with shipyards, vessel owners, operators and industrial customers.

### Leadership

| Name               | Designation        |
|--------------------|--------------------|
| A.S. Prakash       | Managing Director  |
| Anil Madhukar Naik | Executive Director |



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### 4. Core Service Portfolio

| No. | Service Division                      | Scope                                                                                                                                                                                           |
|-----|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01  | Marine Engines & Generator Sets       | Main and auxiliary engines, DG sets, HFO/Diesel/Gas engines, overhauling, troubleshooting, fuel systems, governors, turbochargers, starting-air and cooling systems, testing and commissioning. |
| 02  | Centrifuges & Separators              | Fuel-oil and lube-oil separators, bowl servicing, dismantling, cleaning, bearing/seal replacement, reassembly, commissioning and performance checks.                                            |
| 03  | Pumps & Motors                        | Marine centrifugal, screw, gear, transfer, bilge, ballast, fire and cooling pumps; mechanical seals, bearings, alignment and motor servicing.                                                   |
| 04  | Valves & Piping                       | Butterfly, globe, gate, check, shipside and system valves; dismantling, lapping, seat work, pressure testing, pipe fabrication, replacement and leakage rectification.                          |
| 05  | Electrical Services                   | Marine motors, generators, starters, AVR, MCC/panels, cable work, testing, insulation-resistance checks, troubleshooting and commissioning.                                                     |
| 06  | Instrumentation & Calibration         | Pressure/temperature gauges, switches, sensors, transmitters, indicators and related instruments; calibration coordination, testing and documentation through appropriate traceable facilities. |
| 07  | Galley & Pantry Equipment             | Marine galley and pantry equipment servicing, installation, stainless-steel fabrication, cooking equipment, refrigeration-related support and refurbishment.                                    |
| 08  | Modular Accommodation                 | Marine accommodation refurbishment, modular cabins, wall/ceiling panels, flooring, furniture, berths, lockers, doors, sanitary and associated fit-out works.                                    |
| 09  | Insulation & HVAC Support             | Thermal, acoustic and fire-rated insulation, pipe/equipment insulation, ducting and HVAC-related mechanical support.                                                                            |
| 10  | Ship Painting & Surface Treatment     | Surface preparation, chipping/grinding, priming, marine coating systems, machinery-space/accommodation painting, touch-up and refurbishment.                                                    |
| 11  | Pressure Testing & Inspection         | Hydrostatic and suitable pneumatic testing, valve and pipeline testing, leakage checks, test records and handover documentation.                                                                |
| 12  | Mechanical & Fabrication Works        | Welding, fabrication, pipe fitting, machining coordination, shaft/coupling work, equipment installation, alignment and general mechanical maintenance.                                          |
| 13  | Installation, Testing & Commissioning | Equipment installation, alignment, pre-commissioning checks, functional trials, load trials, troubleshooting and final documentation.                                                           |
| 14  | Turnkey Ship Repair & Maintenance     | Integrated execution combining mechanical, electrical, instrumentation, accommodation, galley, insulation, piping and painting scopes under one project-management framework.                   |



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### 5. Turnkey Ship Repair & Maintenance

JESPL can coordinate multi-disciplinary vessel work packages through a single project-management interface. Typical packages may combine engine-room machinery, pumps, valves, piping, electrical work, instrumentation, accommodation, galley, insulation and painting.

- Pre-job survey and condition assessment
- Work-scope preparation and method planning
- Material and spare-parts coordination
- Skilled manpower deployment
- Mechanical / electrical / instrumentation execution
- Testing, trials and rectification
- Inspection records and final handover documentation

### 6. Industries & Customers JESPL Intends to Serve

- Shipyards and new-build projects
- Ship repair, refit and conversion projects
- Indian Navy / Indian Coast Guard support projects
- Commercial shipping and vessel operators
- Dredgers, tugs, offshore and workboats
- Ports and marine infrastructure
- Power generation and industrial utility plants

### 7. Project Execution Approach

| Stage               | Approach                                                                                              |
|---------------------|-------------------------------------------------------------------------------------------------------|
| Survey              | Understand vessel condition, equipment history, access, safety requirements and customer scope.       |
| Plan                | Prepare work breakdown, manpower, tools, spares, schedule, testing requirements and responsibilities. |
| Execute             | Carry out work using competent personnel, controlled procedures and appropriate tools/equipment.      |
| Inspect & Test      | Measure, inspect, pressure-test, electrically test or run equipment as applicable.                    |
| Commission          | Conduct functional checks, trials and load/performance checks where required.                         |
| Document & Handover | Submit service reports, test records, replaced-parts details and final handover documentation.        |



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### 8. Quality & Documentation

For each applicable job, JESPL aims to provide a clear technical trail from inspection through final handover:

- Site survey / inspection report
- Detailed work scope and quotation
- Dismantling and condition report
- Measurement and clearance report
- Parts replacement record
- Repair / overhaul report
- Testing and calibration records
- Pressure-test report where applicable
- Pre-commissioning and commissioning report
- Final service / handover report

Specialist calibration, machining, balancing, rewinding, NDT or other outsourced activities can be coordinated through suitable competent facilities according to the project requirement and customer specification.

### 9. Initial Organisation & Manpower

| Position                                    | Primary Responsibility                                                       |
|---------------------------------------------|------------------------------------------------------------------------------|
| <b>Project / Marine Engineering Manager</b> | Project planning, customer coordination, technical supervision and execution |
| <b>Senior Marine Engine Technician</b>      | Engine, DG, fuel-system and troubleshooting support                          |
| <b>Mechanical Technicians</b>               | Pumps, valves, separators, piping and machinery                              |
| <b>Electrical Technician</b>                | Motors, generators, panels, testing and electrical troubleshooting           |
| <b>Instrumentation Technician</b>           | Instrumentation, testing and calibration coordination                        |
| <b>Fabricator / Welder / Pipe Fitter</b>    | Fabrication, piping and shipboard repair works                               |
| <b>Helpers / Skilled Support</b>            | Site support, tools, material handling and housekeeping                      |
| <b>Commercial / Administration</b>          | Quotations, procurement, documentation and billing                           |

### 10. Workshop & Field Capability Development

JESPL's capability-development plan is centred on portable marine-service equipment and a network of specialist facilities.

- Engine-service and precision measurement tools
- Pump / valve overhaul and alignment tools
- Electrical testing instruments
- Instrumentation test and calibration equipment
- Welding, fabrication and pipe-fitting equipment
- Hydraulic / pressure-testing equipment
- Lifting, rigging and shipboard access support
- Partner facilities for machining, balancing, rewinding, blasting and specialist testing



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### 11. Safety & Professional Working Practices

JESPL will follow vessel/yard safety requirements, permit-to-work systems, lock-out/tag-out requirements where applicable, appropriate PPE, housekeeping and controlled testing practices. Work methods will be aligned with customer instructions, equipment manuals and applicable marine/yard requirements.

### 12. Why JESPL

- Single-point coordination for multi-discipline marine maintenance
- Marine-focused engineering and project-management approach
- Flexible manpower deployment for shipyard and vessel work
- Strong emphasis on troubleshooting and practical field execution
- Clear technical documentation and handover
- Ability to coordinate specialist subcontractors without losing project ownership
- Responsive support for urgent repair and maintenance requirements

### 13. Company Details

| Detail            | Information                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------|
| Legal Name        | JALAYANA ENGINEERING & SERVICES PRIVATE LIMITED                                                                  |
| Registered Office | Shop No. 21, 3rd Floor, Eshanya Building, Opposite Amrut Hotel, Karwar - 581301, Dist. Uttara Kannada, Karnataka |
| GSTIN             | 29AAHCJ4264B1ZM                                                                                                  |
| CIN               | U33129KA2026PTC221097                                                                                            |
| PAN               | AAHCJ4264B                                                                                                       |
| UDYAM             | UDYAM-KR-27-0058859                                                                                              |
| Email             | jalayanaespl@yahoo.com                                                                                           |
| Mobile            | 78922 08329, 73854 73874, 99861 22379                                                                            |
| Directors         | A.S. Prakash (Managing Director); Anil Madhukar Naik (Executive Director)                                        |