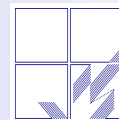


JPS Associates Pvt. Ltd.

This profile presents brief introduction of the company, our organization, business units, specializations and services offered by JPS.

New Delhi, India
2015



ABOUT JPS ASSOCIATES

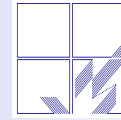
JPS Associates is a consulting firm specializing in management, development, agriculture & natural resources management, and engineering. The company was founded in 1979 and incorporated as private limited company in 1995. JPS has amassed a reputation for improving and enhancing performance excellence of some of the most reputed clients and has been working in development projects directly with and funded by international and bi-lateral development agencies like the World Bank, Asian Development Bank (ADB), United Nations Development Programme (UNDP), United Nations Environment Programme (UNEP), International Labour Organisation (ILO), Global Environment Facility (GEF), European Union (EU), United States Agency for International Development (USAID), Department for International Development (DFID), Japan Bank for International Cooperation (JBIC), Japan International Cooperation Agency (JICA), French Development Agency (Agence Française de Développement- AFD), Canadian International Development Agency (CIDA), Australian Agency for International Development (AusAID), Kreditanstalt für Wiederaufbau (KfW), Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH and Norwegian Agency for Development Cooperation (NORAD). Our government clients include national institutions, central government, state government, local government and parastatals such as public sector undertakings and public sector banks.

We are a team with diverse range of expertise and experience. The Head Office in New Delhi is the driving force behind the Company activities, centralising the management specialists and design staff and providing overall direction and supervision to the on-going projects. We also have an extensive network of retained experts, who add strength to our team in sharing commitment to deliver exceptional results for our clients.

We leverage our more than 30 years of experience, deep knowledge of processes, insights, and best practices internalised through implementing about 900 projects. These are supported by strong IT/technology, reengineering, analytics and global delivery capabilities to deliver a comprehensive client solution. From strategy through implementation, our hands-on approach has achieved success in delivering quantifiable and value-driven results. Our partnership with our clients ensures a lasting effect which is ultimately their asset and knowledge. Our reputation for being leaders in specialised fields of central and local government has built us a solid clientele in our home base India, and a reach into the international arena.

JPS is an ISO 9001: 2008 certified company. We pursue our quality policy and all business units integrate the policy and further strengthened by quality surveillance and project monitoring team.





FIELDS OF SPECIALIZATION

Expertise in Management

- Financial Management and Accounting
- Governance, Public Services and Policy
- Organisation Development & Institutional Strengthening
- Information Management & E-Governance

Expertise in Agriculture & Natural Resources Management

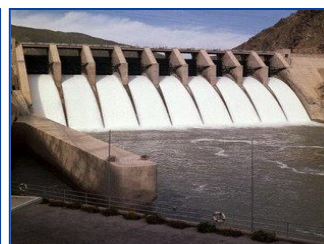
- Natural Resource Management
- Environmental Management
- Agriculture and Agri-Business

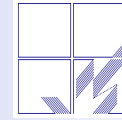
Expertise in Development

- Social Development, Public Health & Surveys
- Spatial Development Planning & Tourism

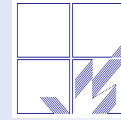
Expertise in Engineering

- Water & Environment Engineering
- Transportation
- General Engineering



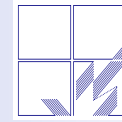
**RANGE OF SERVICES:**

- Policy
- Project Planning and Preparation
- Master Planning & Conceptual Designs
- Field Surveys & Investigations
- Pre-Feasibilities and Feasibilities Studies
- Detailed Designs/ Detailed Project Reports
- Financial Management & Accounting Services
- Modelling for PPP, BOT/BOOT projects
- Capacity Development and Institutional Strengthening
- Human Resources Planning
- Manpower Analysis
- Business Planning
- Information Management Services/ Management Information System (MIS)
- Environmental Impact Assessment And Management
- Socio-Economic Studies & Social Impact Assessment
- Community Participation
- Resettlement & Rehabilitation
- Livelihoods and Sustainable Development
- Efficiency Improvement/ Cost Reduction Study/ Profitability Improvement Studies
- Tender Documentation
- Concession Agreement
- Bid Processing
- Procurement Assistance
- Owner's Engineers and Independent Engineers Services
- Project Management / Construction Supervision
- Third Party Quality Control/ Quality Assurance
- Surveys / Impact Assessment Studies
- Monitoring & Evaluation
- Disaster Management

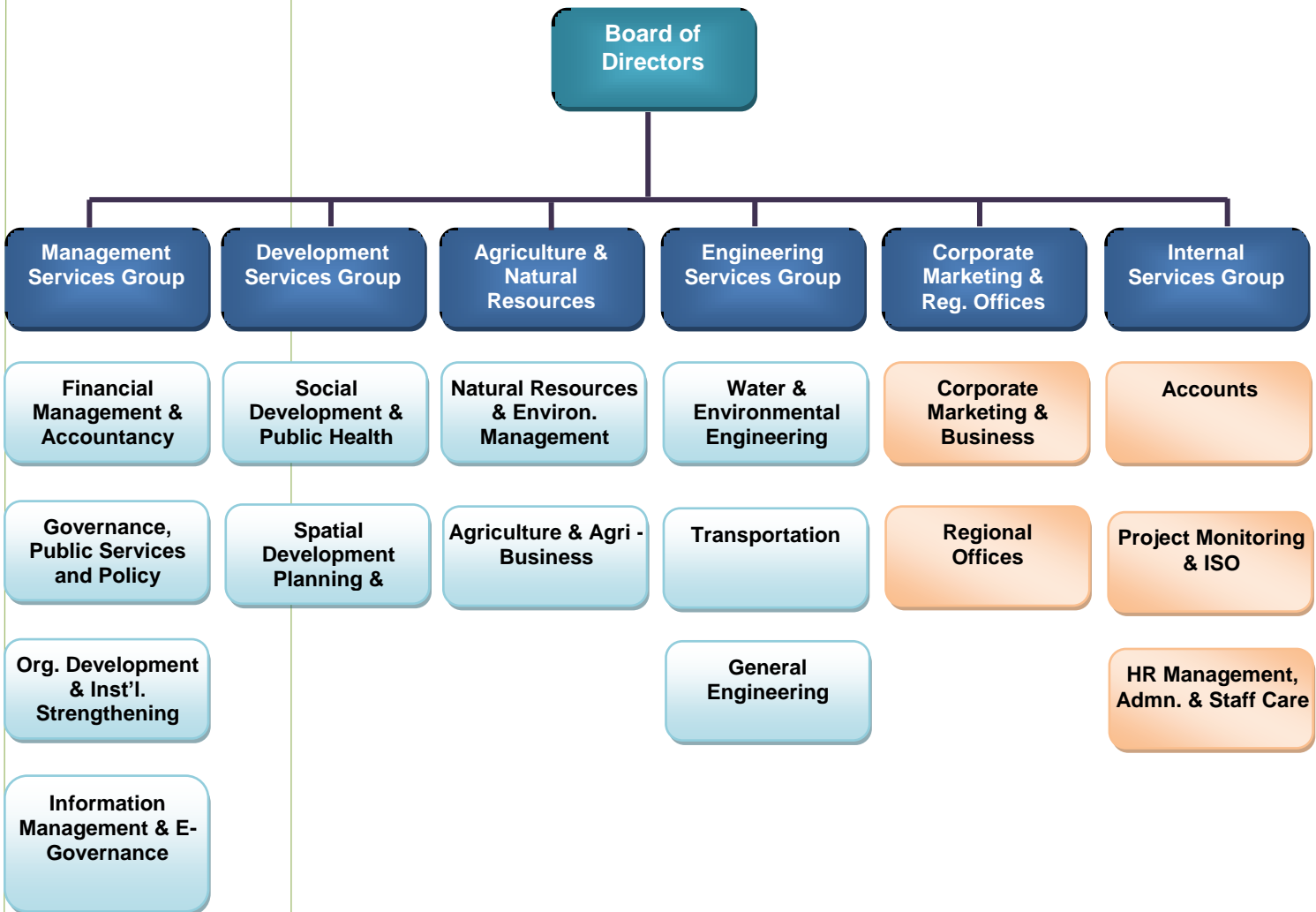


OUR STRENGTH:

- Multidisciplinary: management, development, agriculture & natural resources and engineering company.
- More than 30 years experience and in-depth knowledge of process, insights, and best practices by implementing about 1,000 projects.
- Based in Delhi with strong presence in many provinces of India.
- Well-established inter-division coordination and monitoring system for the execution of integrated projects.
- Experience in many states in India and abroad.
- Broad experience of internationally-funded projects (ADB, the World Bank, UNDP, ILO, DFID, JBIC, JICA, USAID, CIDA, AusAID, AFD, NORAD etc.)
- Use of internationally recognized software standards for design, drafting, project management and communication
- Blend of expertise with large pool of international and national talent.
- An ISO 9001: 2008 certified company.
- Well established Quality and Health, Safety and Environment Policies.

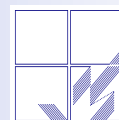


MANAGEMENT ORGANISATION



Legends

- Business Units
- Support Units



JPS MANAGEMENT TEAM



Mr. J.P. Srivastava
Chairman

jp.srivastava@jps-india.com
+91-11-26862193
+91-11-26862487



Mr. P. G. Shevade
Director
Head, Governance, Public Services & Policy, Financial
& Accounting and Information Management &
E-Governance
Head, Mumbai Office

pg.shevade@jps-india.com
+91-22-22071834
+91-22-22070199



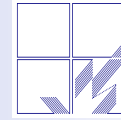
Mr. Pritam Kapur
Executive Director
Head, Agriculture and Agri-Business

pritam.kapur@jps-india.com
+91-11-26862193
+91-11-26862487



Mr. C. Divakar Dhaveji
Executive Director
Head, Organisation Dev. & Institutional Strengthening

divakar.dhaveji@jps-india.com
+91-11-26862193
+91-11-26862487



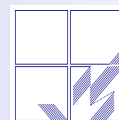
Mr. K. K. Mohapatra
Executive Director
Head, Natural Resources & Environmental Management

kk.mohapatra@jps-india.com
+91-11-26862193
+91-11-26862487



Mr. Rashid Wakil
Head, Social Development, Public Health & Surveys

rashid.wakil@jps-india.com
+91-11-26862193
+91-11-26862487



BUSINESS UNITS

Financial Management & Accounting



Mr. P. G. Shevade

Head of Business Unit

pg.shevade@jps-india.com

+91-22-22071834

+91-22-22070199

JPS is one of the leaders in specialized financial and accounting consulting services since 1987. Our Financial Management & Accounting (FMA) Team, consists of chartered accountant, MBA Finance, Cost Accountant, Legal and IT Professionals. They assist our clients in integrating opportunities, financial benefits, risk management and sustainability into their business strategy and its implementation. We address issues related to environment, health, safety, social and economic into financial management strategies. JPS has worked with various government departments, prestigious public sector units (PSUs), manufacturing companies in different sectors. Our Team understands issues and challenges of government sector as well as of industrial sector. Our services are, therefore, customised based on careful analysis of needs, processes and culture.

We work with our clients to achieve significantly increased profitability by designing strategies and implementing operational improvements leading to increased revenues, lower operating and overhead costs, increased output and lower capital expenditure.

Our FMA Team also assists governments in investigating alternative mechanisms to achieve the most cost-effective means for managing infrastructure, utilities and controlling pollution that will not place excessive financial burdens on them. We also provide services to municipalities and governments in arranging financial resources for their infrastructure need and for pollution prevention.

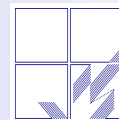
The Governments have taken several initiatives to attract private investment through Public Private Partnerships (PPP) for the development of infrastructure. These PPP projects have diverse and conflicting interests of different stakeholders including the government, investors, lenders and users. Our Team can develop robust framework for PPP which balance the legitimate requirements of the investors, governments and lenders and needs of users. We review and update the implementation schedule for the investment programs and investment projects and prepare action plans for achieving the output targets specified in the implementation schedule. Our Team also assist our clients in preparation of common frameworks for reporting on progress (physical and financial), accounts, procurement, safeguards compliance and covenant compliance.

SPECIALIZATIONS OF FMA:

- Economic & Financial Management
- Privatisation
- Financial Capital and Debt Markets
- Budgetary Reforms in Government and PSUs
- Regulatory Reform
- Economic Reforms
- Financial Reforms
- Procurement Reforms
- Business Performance Management
- Fiscal Management
- Treasury Management
- Expenditure Control
- Microfinance Instruments
- Project Financing
- Bid Processing
- Governance, Risk and Compliance
- Financial Risk Management
- Municipal Finance including Revenue Enhancement & Expenditure Containment

SERVICES OF FMA:

- Financial Policy Development
- Feasibility Studies & Financial Planning
- Public Finance
- Preparation of Investment Framework
- Financial Advisory and Re-Engineering
- Financial Modelling
- Public-Private-Partnership Modelling
- Design of Concession Agreements
- Transaction Advisory & Financial Closure
- Financial Management Information System
- Finance, Accounting, Budget & Audit Manuals
- Cash Based Accounting to DEAS
- Profitability Analysis & Strategic Cost Mgt.
- Revenue Enhancement
- Budget Process and Planning
- PETS and Fund Flows and its Analysis
- Fiduciary Reviews of Gov. Schemes & Programs
- Effective Performance Management
- Compliance and Control
- Financial Measures for Sustainable Management
- Preparation of Monitoring Framework
- Conduct Financial Education Program



Governance, Public Services and Policy

JPS is providing independent consulting services to public sector organisations and other bodies involved in the delivery of public services. We are assisting government and public sector units (PSUs) on public policy issues, strategy & governance for over 20 years. Our consultancy services address not only government-owned organizations but also industries, which are heavily regulated, or policy-based, and privately operated companies in various sectors. JPS Governance, Public Services and Policy (GPSP) Team assists our Clients to enhance their productivity and achieve sustainable growth by providing business solutions and unique competitive advantages to businesses following the finest principles of corporate governance.



Mr. P. G. Shevade

Head of Business Unit

pg.shevade@jps-india.com

+91-22-22071834

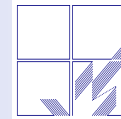
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SPECIALIZATIONS OF GPSP:

- Policy Analysis
- Economic Reforms
- Civil Service Reform
- Governance Reviews
- Governance - Development Interface
- Participatory Governance
- Municipal Governance
- Budgeting and Public Expenditures
- Public Procurement Governance
- Administrative Reforms
- Public Service Delivery
- Community Empowerment
- Regulatory Policy & Management Systems

SERVICES OF GPSP:

- Transparency and Accountability
- Service Delivery
- Fiscal Consolidation
- Fiscal Framework
- Budgetary Planning Process and review
- Disinvestment
- Performance standards and norms
- Performance Measurement
- Grievance Redressal Process and Mechanism
- Citizen Charter
- Restructuring at Macro and Micro levels
- Rightsizing staff
- Redeployment of Staff
- Rehabilitation and Resettlement
- Designing social safety nets
- Establishment Review and Controls
- Employee Database
- Performance appraisal Policy and system
- Promotion and Transfer Policies
- Procurement Policy



Information Management & E-Governance



Mr. P. G. Shevade

Head of Business Unit

pg.shevade@jps-india.com

+91-22-22071834

+91-22-22070199

Due to tremendous growth both in size and complexity of the operations of any organization involving financial systems, personnel management, inventory management & other routine administrative functions, there is a great need for faster flow of information and quick decision making at all levels of the organization. Keeping this futuristic aspect in consideration, JPS assist Clients in studying the Management Information System (MIS) needs of their organizations to enhance decision making and organizational effectiveness. Our Team is specialized in interaction of technology, organizational behavior, strategic planning, project management, and systems analysis used to support an organization through its information systems.

Due to the exploitation of internet applications concerning every sphere of activity, an Online Web-based Management Information System is needed to provide timely information of the desired function in the real time to the decision maker. It is also necessary that the automated system availability should be considered as one global application for its availability to all concerned functionary with respect to their information needs.

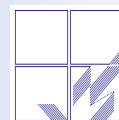
JPS conceptualized this need for providing management consultancy to various government organizations, state governments, PSUs, etc quite long ago and accordingly has developed vast experience in providing MIS & E-Governance solutions in concerned areas of the Organizations for their efficient functioning in a real time manner. JPS has a team to undertake the above functions which mainly consists of Management Informations System, Web Development, Programmers, System Analysis and Database System, System Design, etc to assist in providing E-Governance Solutions.

SPECIALIZATIONS OF GPSP:

- Business Analysis for Information Technology Solutions
- Information Systems Planning & Management
- Decision Support Systems
- Financial Management Information System
- Information Systems Audit and Control
- Management Information Systems
- Project Management and Monitoring Information System (PMMIS)
- Systems Analysis and Design
- System Integration
- Business Intelligence Processes

SERVICES OFFERED GPSP:

- Designing & Implementation of MIS
- Design and Development of Software
- Web Based Management Information System
- Training & Implementation Support
- Monitoring and Audit of the Software
- Maintenance of System



Organisation Development & Institutional Strengthening



Mr. C. Divakar Dhaveji

Head of Business Unit

divakar.dhaveji@jps-india.com

+91-11-26862193

+91-11-26862487

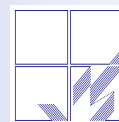
JPS organisation development & institutional strengthening (ODIS) team has management experience to critically analyse the existing systems, practices, processes and human resources. The creation or reinforcement of a network of organisations to effectively generate, allocate and use human, material and financial resources to attain specific objectives on a sustainable basis is the bedrock of organisation development. Institutional Strengthening is seen by JPS as measures to improve the performance of an organisation; or in the context of a development intervention: Measures to improve the organisation's capability to execute selected activities while striving to achieve the objectives of that intervention. JPS has profound knowledge and understanding of how to achieve competitive advantage from developing organisations, building capacities, utilizing, maintaining and compensating their services in tune with the jobs and organizational requirements. A skilled and high-performing workforce creates and sustains an organisation's success in all sectors. JPS offers services in recruitment & training, performance evaluation, compensation & appraisal management, benefits etc. Based on successful track record of working with many organisations, including national institutions, central government, state governments, local governments, public sector undertakings, banks, international and bi-lateral agencies, JPS can provide effective support on a wide range of people and organisational issues.

PRACTISED AREAS OF ODIS:

- Policy Development
- Organisational/Institutional Analysis
- OD/IS Intervention Plans
- Governance Reviews
- Public Sector Restructuring and Reforms
- Organisational Risk Management
- Organisational and Institutional Development
- Institutional Strengthening & Capacity Building
- Organization Design & Structures
- Human Resource Development
- Strategic Planning and Management
- Performance Management & Improvement
- Organisational Learning & Knowledge Management
- Organisational Review & Restructuring
- Change Management

SERVICES:

- Participatory Research, Planning and Design
- Organisational/Institutional Assessment
- Policy Support & Advisory Services
- Vision & Mission Documents
- Organisational & Institutional Dev. Strategies
- Skill Gap Analysis
- Strategic & Business Plans
- Corporate Plans
- HR Policy Manuals & Employee Handbooks
- Manpower Assessment & Planning
- Competence Mapping
- Compensation Management
- Employee Engagement & Organisational Climate Survey
- Competitiveness Analyses
- Sector and Value Chain Analyses
- Capacity Assessment and Capacity Development Plans
- Design & Development of Training Modules and Materials
- Targeted Capacity Building & Skill Development
- Training Need Assessment
- Training & Development



Natural Resources & Environmental Management

Natural Resources Management



Mr. K. K. Mohapatra
 Head of Business Unit
 kk.mohapatra@jps-india.com
 +91-11-26862193
 +91-11-26862487

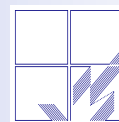
Forests play a significant role in biodiversity conservation, harbouring unique and endemic species that are well adapted to extreme ecological conditions, providing essential ecosystem goods (e.g., fodder for livestock, fuel wood, medicines and tradable goods such as resins and gums) and soil and water conservation (e.g., soil formation and conservation, water conservation and quality improvement, regulation of water regimes and micro-climates, reduction of wind velocity, control of wind erosion, and retardation of water and moisture depletion).

JPS have been involved in studies on natural resources, including land, forest, water and wildlife, and environmental conservation. Our team have addressed the problems of deforestation, land and coastal ecosystem degradation, biodiversity depletion, water resource degradation, and other environmental pressures related to food security, poverty and ecosystems. Our team has knowledge about of the local population and their traditions required for assessment and protection of biodiversity.

Our projects employed an advanced multi-level approach when analyzing the factors influencing land use in watersheds. Some prospects include the promotion of environmentally, economically and socially sustainable land uses, indispensable for ensuring sustainable conservation and development of watersheds, through community participation.

- NRM SPECIALIZATION:**
- Forestry
 - Sustainable Forest Management Systems
 - Forest Inventories and Climate Change Impacts
 - Agro-forestry
 - Land Use Planning and Management
 - Sustainable Watershed Management
 - Soil and Water Conservation
 - Biodiversity Conservation
 - Community-Based Natural Resources Management
 - Rural Livelihood Programs
 - Integrated Land Use Systems
 - Land Use Planning and Sustainable Land Management
 - Land Degradation Monitoring,
 - Desert Afforestation
 - Wetlands Management
 - Coastal Zone Management
 - Disaster Management
 - Eco-sensitive planning
 - Resource Economics

- SERVICES:**
- Policy, Programmes and Institutions
 - Forest Resources Assessment and Monitoring
 - Forest Management Plans
 - Afforestation and Reforestation
 - Forest Planning and Management
 - Ecological Survey
 - Ecological Impact Assessment
 - Preparation/implementation of Habitat Management Plans
 - Wildlife Management Plans
 - Eco-Tourism
 - Social and Community Forestry
 - Interrelation between People and Natural Resources
 - Watershed Characterizations
 - Integrated Watershed Planning
 - GIS Mapping
 - Feasibility Studies
 - Project Management
 - Monitoring & Evaluation
 - Capacity Building & Training



Environmental Management

Our environmental consultancy service draws on the wide range of disciplines within the company. For each project we assemble a team of specialists to ensure that the necessary experience and particular expertise is available for the collection, analysis and presentation of environmental data. We also offer comprehensive expertise to cover all environmentally sensitive issues. JPS has vast experience in the assessments of the environmental effects and preparation of environmental management plan of wide variety of schemes and development projects. Our Environmental Management Team is also experienced in environmental studies, solid and hazardous wastes management and health and ecological risks studies.

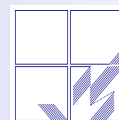
Environmental management and protection will be high on agenda for organizations involved in the financing, planning, implementation or management of large or small development projects or key utility, transport and service infrastructure. We offer the full range of services that is required, including environmental assessment and management, corporate environmental risk assessment, sustainability services and catchments' management – all in a co-ordinated and integrated way. Our integrated team of Environmental Management, Urban Development Planning and Social Development and Health business units deals with social and environmental problems such as poor urban housing, poor water supply and sanitation, inadequate solid waste and wastewater management, land use conflicts and deteriorating environmental quality at home, workspace, neighbourhood and city. The team also helps our Clients to develop the capabilities and skills to address deteriorating environmental problems in urban areas which threaten urban productivity, quality of life of residents and social cohesion of communities.

ENVIRONMENTAL MANAGEMENT SPECIALIZATION:

- Strategic Environmental Sanitation
- Environmental Indicators
- Surface Water and Ground Water Pollution
- Freshwater Ecology
- Urban Environmental
- Solid & Hazardous Waste Management
- Urban Disaster and Risk Management
- Coastal and Marine Environment
- Hydrocarbon Environment
- Oil Spill Contingency Plans
- Risk Analysis
- Environmental Regulations and Standards
- Environmental Governance Structures
- Environmental Studies & Management
- Health & Safety

SERVICES:

- Water Quality Studies
- Non-Point Source Pollution Studies
- Pollution Mitigation Plans
- Urban Environmental Policies
- Environmental Emissions from Urban Transport System
- Urban Environmental Quality Management
- Urban Environmental Planning and Management
- Participation of Communities in Solid Waste
- Coastal Land Use
- Ecologically Sensitive Coastal Ecosystems
- Conservation Of Coastal And Marine Resources
- Short And Long Term Ecosystem Assessment
- Participatory Coastal And Marine Resources Management
- Environmental Impact Assessment
- Economic Evaluation of Environmental Services
- Environment Management Planning
- Environmental Audit and Monitoring
- Capacity Building Environmental Training



Agriculture and Agri-Business



Mr. P. Kapur

Head of Business Unit

pritam.kapur@

jps-india.com

+91-11-26862193

+91-11-26862487

Agricultural productivity in recent years improved due to new technologies, mechanization, increased chemical use, specialization and government policies that favours maximizing production. Although these changes have had many positive effects and reduced many risks in farming, there have also been significant impacts. These include topsoil depletion, groundwater contamination, the decline of family farms, continued neglect of the living and working conditions for farm labourers, increasing costs of production, and the disintegration of economic and social conditions in rural communities. Sustainable agriculture address many environmental and social concerns, but it offers innovative and economically viable opportunities for growers, labourers, consumers, policymakers and many others in the entire food system. Our Team has experience in all aspects of sustainable agriculture development including integration of environmental health, economic profitability, and social and economic equity.

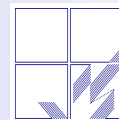
JPS specializes in sustainable agriculture, technology development for efficient food production and processing, and utilization of biological materials. We provide the best economic and business advice through research and analysis to our clients. We help in formulation of effective business model(s) to maintain and improve competitive strategy and overall value and profitability. We help our clients to stimulate growth through a comprehensive approach to business processes and systems.

SPECIALIZATION:

- Agricultural Development
- Sustainable Agriculture
- Medicinal Plants Farming
- Agricultural Farming Systems
- Watershed Based Agriculture
- Rain-fed Farming
- Farm Mechanization
- Energy in Agriculture
- Agricultural Efficiency Improvements
- Agricultural Support Services and Marketing
- Resource Development
- Post-harvest of Fruits and Vegetable
- Food Process Engineering
- Agro-Industry System Development
- Marketing Infrastructure
- Food Security
- Agricultural Economics
- Supply & Demand Studies
- Public and Private Sector Investment
- Workshops and Training Programs
- Agribusiness Development

SERVICES:

- Project Planning and Feasibility Studies
- Crop Intensification and Diversification (rainfed and irrigated)
- Surveys & Commercial Feasibility Analysis
- Agribusiness & Agro-Allied Industries
- Crop Storage & Primary Processing
- Enterprise Restructuring
- Food Processing, Packaging & Distribution
- Food Security & Food Aid
- Marketing And Market Information Systems
- Mergers And Acquisitions
- Post-Harvest Technology
- Privatisation
- SME & Micro Enterprise Development
- Value-Chain Development
- Detailed Design
- Project Management
- Capacity Building & Training
- Monitoring and Evaluation



Social Development, Public Health & Surveys



Mr. Rashid Wakil
Head of Business Unit

rashid.wakil@jps-india.com

+91-11-26862193

+91-11-26862487

Development of society occurs only in fields where that collective will is sufficiently strong and seeking expression. Development strategies will be most effective when they focus on identifying areas where the social will is mature and provide better means for the awakened social energy to express itself. Only those initiatives that are in concordance with this subconscious urge will gain momentum and multiply. We believe that the participatory approach by motivating, preparing and involving people best suited to decide and implement development schemes. Sustainable development is achieved by involving the communities with understanding to meet the needs of the present without compromising the ability of future generations to meet their own needs. Large scale infrastructure or industrial developments, at the national level or at the state level, always have been seen to incur social issues and associated costs. We assist our Clients in impact assessment studies, enhance social benefits, prepare resettlement & rehabilitation action plans and optimise social costs.

JPS Team of Social Development, Public Health & Surveys (SDPHS) Business Unit emphasizes the importance of applying critical gender analysis in all areas of social life and its impact on areas such as infrastructures, natural resources, environment, education, and health. Our team focuses on analyzing linkages between society and natural and built environments, work and globalization, and institutions, policy and regional development from a gender analytical perspective. Our Team also design and implement evaluations and reviews to assist programs to respond to the changing needs of their clients, funding agencies.

Child malnutrition severely jeopardizes, reduces or impairs prospects for productive social participation in adulthood. Furthermore, malnutrition perpetuates the intergenerational reproduction of poverty, thus creating a vicious circle that prevents social improvement and equity.

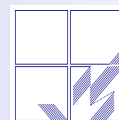
SDPHS also designs and conducts complex national, regional and project based surveys as well as economic, statistical, epidemiological, and social policy research for government agencies and commercial clients across the areas of infrastructure, development, health, environment and education.

SDPHS SPECIALIZATION:

- Relief, Rehabilitation & Resettlement
- Participatory Development
- Community Development
- Gender and Development Issues
- Poverty and Equality
- Education
- Public Health and Nutrition
- General Public Health & Sanitation
- HIV/AIDS
- Democratizing Water Governance
- Livelihoods and Sustainable Development
- Public Participation
- Social Responsive Management
- Corporate Social Responsibility

SERVICES:

- Feasibility Studies
- Labour and Market Studies
- Farmer Organizations and Village Institutions
- Social and Rural Infrastructure
- Poverty Alleviation
- Economic Analyses and Demographics
- Evaluation and Impact Assessment Study
- Project Management
- Capacity Building & Training



Spatial Development Planning & Tourism



Mr. K. K. Mohapatra

Head of Business Unit

kk.mohapatra@jps-india.com

+91-11-26862193

+91-11-26862487

Spatial Development Planning & Tourism (SDPT) focuses on urban development planning, regional and rural development planning, improvement of the quality of life, social and economic development of rural areas and sustainable tourism development. The overall aim of regional development and spatial planning is to maintain and shape sustainable development of regions and communities. The sustainable development meets the needs of the present without compromising the ability of future generations to meet their own needs. To reach this aim, JPS applies an integrated and multi-disciplinary approach. Our sustainable solutions are economically viable, socially equitable and ethically responsible, and consistent with the long term ecological balance of the natural environment.

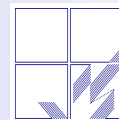
As per figures from the United Nations, more than half of the world's population now lives in urban area. With growing pressures of urban populations on cities, it is important to plan and design our cities to bring social and ecological development that improves the health of cities and towns. JPS's Team has profound expertise in urban planning and in integrating all aspects of the peripheral region interrelations and urban environment to facilitate long-term sustainable development.

SDPT SPECIALIZATION INCLUDES:

- Land Use Plans
- Economic Development
- Tourism
- Urban Economics and Informal Sectors
- Local Governance and Local-level Planning
- Urban Planning and Urban Design
- Urban Governance and Management
- Urban and Infrastructure Development Planning
- Urban Development and Management Information Systems
- Rural and Regional Development Planning
- Industrial Development Planning
- Architectural and Landscape Planning
- Human Settlement Planning
- Land Information System
- Sustainable Livelihoods through Micro-Enterprises

SDPT SERVICES INCLUDE:

- Strategy Planning
- Master Planning & Feasibility Studies
- Land Use Planning
- Land Information System
- Decentralized Planning
- City Development Plans
- Urban & Infrastructure Development Planning
- Rural and Regional Development Planning
- Industrial Development Planning
- Utility Assessment and Rehabilitation
- Food Security and Poverty Alleviation
- Tourism Master Plan
- Integrated Touristic Functional Concept
- Economic Benefits of Tourism
- Development of Tourist Centres & Tourist Circuits.
- Planning for Development of Tourism in Regions
- Tourism Statistics and Future Planning
- Planning for Tourism Infrastructure and Tourist Facilities
- Conservation & Development for Heritage
- Public and Private Transport Planning
- GIS/IT Systems to Design, Integrate and Supervise Urban Planning Projects
- Urban/Municipal Policy and Development
- Economic Analyses And Demographics
- Evaluation and Impact Study of Spatial Development Programs
- Project Management



Water & Environmental Engineering

Water & Environmental Engineering (WEE) covers two focal areas: (1) Environmental Engineering covering Urban & Rural Water Supply and Sanitation, Storm Water Drainage, Solid and Hazardous Wastes, Industrial Water Supply and Effluent Collection & Treatment; and (2) Water Resources and Irrigation Engineering & Management. These areas are often linked within the framework of Integrated Water Resources Management (IWRM). WEE Team has deeper understanding of the complexity of water use and water resources management problems and applies tools and techniques, such as models and optimization schemes, to arrive at solutions and formulate and adaptive and mitigating measures to address water related problems.

At JPS, we understand water supply, wastewater and storm water drainage systems. We have been involve in number of projects starting from master planning, feasibility studies, detailed design, supervision, impact assessment and evaluations. Our knowledge and expertise gained through these projects can help the clients in assuring the health and well being of the communities served by provision of these services.

JPS provides a full range of management and engineering solutions for both public and private sector clients, from the individual aspects of water management to the provision of integrated water and wastewater services.

Securing water for people, for agriculture and to protecting vital ecosystems are major challenges we are facing today. Our team of Water & Environmental Engineering has an understanding of the complexity of water cycle utilization and management. JPS has been active in the Water & Environmental Engineering sector for many years, offering a full range of expertise, including master planning, studies, designs, institutional strengthening, procurement assistance and construction supervision, for effective, integrated solutions. It works very closely with clients and local partners to ensure the sustainability of its projects with a strong emphasis on institutional strengthening. JPS team covers all stages of a project, from initial concept to operations and management. Our multi-disciplinary team include specialists in project planning, surveys & mapping, hydrology, water resources, irrigation, hydraulic engineering, water supply, sewerage, water and wastewater treatments, storm water drainage, waste management, electro-mechanical engineering, project management and other allied disciplines.

JPS can provide specialist services in the following areas:

SPECIALIZATION IN WATER RESOURCES & IRRIGATION:

- Water Resources & Irrigation
- Hydrologic Studies & Modelling
- Water Resources Modelling
- River Basin Studies
- River Training & River Basin Management
- Flood Control
- Water Resources Development
- Hydraulic Engineering
- Reservoir Engineering
- Ground Water Studies & Development
- Tube-wells
- Irrigation and Drainage Engineering
- Lift Irrigation Systems
- Irrigation Canals, Tunnels and Related Structures
- Integrated Water Resources Management
- Command Area Development
- Participatory Irrigation Management
- Water User Association
- Water Governance & Institutions
- Water Policy
- Water Economics
- Water and Food Security

SPECIALIZATION IN ENVIRON. ENGINEERING:

Water Supply

- Municipal & Industrial Water Supply
- Water Intake Works
- Transfer Works
- Pumping Stations
- Water Treatment Plants
- Water Distribution Networks

Wastewater & Sewerage

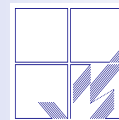
- Municipal Wastewater Collection and Treatment
- Sewer Collectors and Interceptors
- Sewer Networks
- Wastewater/Sewage Treatment Plants
- Sludge Treatment and Management

Urban Drainage

- Storm Water Drainage
- Evaluation of Drainage Alternatives
- Drainage Networks

Solid & Hazardous Waste

- Municipal Solid Waste
- Hazardous Waste



SERVICES BY WEE:

- Project Formulation & Development
- Appraisals and Reviews
- Techno-economic & Management Advisory Services
- Topographical & Cadastral Surveys
- Crop Water and Irrigation Requirements
- Crop Planning and Irrigation Management
- Catchments Area and Hydrological Studies
- Master Plans
- Pre-Feasibility and Feasibility Studies
- Civil, Hydraulic, and Structure Designs
- Electro-Mechanical Designs
- Process Selection & Design of Treatment Plants
- Technical Specifications, BOQ,
- PPP Modelling,
- Tender Documents & Concession Agreements
- System Rehabilitation and Upgrading
- Procurement Assistance
- Owner's Engineers
- Independent Engineers Services
- Project Management Services
- Construction Supervision
- Project Commissioning & Start Up Services
- Operation and Maintenance
- Third Party Quality Control of Projects
- Monitoring and Evaluation of Projects
- Capacity Building & Technical Trainings

Transportation



Mr. C. Divakar Dhaveji
 Head of Business Unit
 divakar.dhaveji@jps-india.com
 +91-11-26862193
 +91-11-26862487

JPS' Transportation Team provides solutions related to the development, planning, design, construction and operation of transport systems, as well as technological, safety, economic, financing, public-private-participation, organizational, environmental, social and logistical issues. The challenge is to optimise the operational performance of transport systems, taking into account human limitations in the management of complex systems. We help our Clients in pursuing their transportation interests from a broad range of perspectives - focusing on policy, finance, modelling, design, and more.

Our professionals have been involved in specifying, designing, constructing, and maintaining transportation infrastructure which includes streets, highways, rail systems, airports, ports, and mass transit. It includes areas such as transportation planning, traffic engineering, transportation design, some aspects of urban engineering, pavement engineering, and infrastructure management.

JPS services are focused on alleviating transportation problems through advanced studies in transportation planning and economics, traffic engineering and safety and design of highways/pavements, bridges and other transportation facilities.

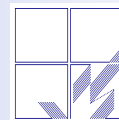
Public sector and private clients alike require good information on likely future usage of their systems and where new capacity should be provided. We have helped them in developing policies and plans for up to 20 or 30 years ahead

Our Business Unit Transportation (TBU) provides services across all areas of the transportation including:

Transport Studies and Planning

The need to plan for sustainable transport is becoming increasingly important for cities. Developing strategies for sustainable transportation systems agreed to by all stakeholders are difficult tasks. Whether you require high level policy and strategic advice at the beginning of a project or input at the design stage, you'll benefit from the commitment and dedication provided by our professionals.

Believing that transport needs are inherently linked to land use, our integrated team from Business Units of Transportation, Spatial Planning Development and Financial Management offer advice and solutions related to the integrated system incorporating an understanding of economic and financial factors impacting on efficient freight movement, such as road versus rail freight options. We help our Client in developing an optimal package of policies that is willingly accepted by all affected groups. Our Team assists designing implementation strategy that would allow for easy transition from the way people formerly travelled to the new system.



SPECIALIZATION TRANSPORT STUDIES AND PLANNING:

- Transport Planning & Policy
- Transport Engineering
- Transport & Urban Pollution
- Transport Strategies
- Global Issues in Transport
- Analysing Transport & Society
- Public Transport Planning & Management
- Safety of Road Transport
- Traffic Management
- Transport in Development
- Funding for Projects

SERVICES:

- Transport Data Collection & Analysis
- Demand Forecast and O/D Surveys
- Traffic Surveys and Revenue Forecast
- Transport Modelling
- Traffic Studies
- Development of Policies
- Operations Planning
- Master Planning
- Transportation Demand Management
- Transport Economic Analysis
- Modelling Public Transport
- Urban Traffic Management, Control and Operation
- Road Safety Audits and analysis
- Knowledge Dissemination to Improve Road Safety
- Financial and Economic Analysis
- Accident Analysis and Reduction
- Statistical Evaluation
- Integrated land-use and transport advice and studies
- Parking strategies, analysis and advice
- Strategic route planning and feasibility studies
- Public transport infrastructure and service

Roads and Highways

We advise on the various forms of procurement and project delivery including public and private funding and partnerships, and our involvement has enabled clients to procure projects ahead of schedule with significant savings in capital, operating and maintenance costs. With an enviable pedigree in the highways market, our dedicated highways professionals add value through its high level strategic advice and in-depth knowledge. Through our experience of major projects, we have generated huge cost savings to clients on highway schemes all over the world.

SPECIALIZATION:

- Expressways
- Highways
- Urban, Rural and Feeder Roads
- Pavement Analysis and Design
- Interchanges
- Multi-modal Transport Systems
- Bus Rapid Transit Systems
- Road User Facilities
- Highway Materials and Construction
- River Bridges
- Railway Overhead Bridges
- Flyovers and Grade Separators
- Elevated Expressway Bridges
- Underground Structures & Pedestrian Tunnels/Subways
- Elevated Expressways

SERVICES:

- Financial Services
- PPP Modelling
- Transaction Advisory
- Pre-feasibility and Feasibility Studies
- Tender Documentation
- Concession Agreements
- Bid Processing
- Procurement Services
- Lender Engineering
- Independent Engineering
- Construction Supervision
- Project Management
- Social Safeguards
- Resettlement & Rehabilitation
- Institutional Strengthening & Training



Corporate Office:

JPS Associates Private Limited

R-5 & R-16, Hauz Khas Enclave

New Delhi - 110 016

Tel: 91-11-26862193/ 26862487/ 26854335

Fax: 91-11-26864547/ 26865148

E mail: info@jps-india.com

Website: <http://www.jps-india.com>