



**INCLUSIVE GROWTH &
COMMUNITY DEVELOPMENT**

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Shri Om Prakash Jindal

(7 August 1930 - 31 March 2005)

Visionary and Founder, O.P.Jindal Group

“To bring about change you have to start from the roots.”

True to his words, Shri O.P. Jindal began his career from a modest background. But that did not deter him from aspiring big. Born in a farming family, Shri Jindal, on the strength of his own efforts and ambition, became one of the most successful industrialists of India. His boundless vision and energy were not just restricted to business; he was a philanthropist, politician and a social entrepreneur as well.

He established one of India's largest business conglomerates, the Jindal Group, but he never forgot his past. He continued to work hard for the marginalized sections of the society, focusing on education, employment, culture, healthcare and sports. Simultaneously, he put a lot of emphasis on infrastructure creation to build an empowered India. A refreshing face of change, who inspired people to 'dream, dare and do', despite all odds, who walked the road less travelled and showed the world what he was capable of- Shri Jindal's vision and values are dear to us.

We at JSPL Foundation, deeply cherish his memories, and are committed to continue on our journey to facilitate inclusive growth and community development.

CHAIRMAN'S MESSAGE



Shri Naveen Jindal
Chairman, JSPL

Inspired by the vision of our founder, Shri O P Jindal, we at Jindal Steel & Power Limited (JSPL) have always tried to integrate our business priorities with community aspirations. While our factories build and power the nation in a literal sense, our corporate social responsibility (CSR) initiatives fuel inclusive growth and community development. Addressing the basic needs of citizens even in the country's most remote and deprived regions is a prerequisite to forging a strong and democratic nation. And that is precisely what we have done and continue to do in our operative geographies – Raigarh, Angul, Patratu & Oman.

JSPL Foundation epitomises our vision to help achieve inclusive growth for all. Our CSR interventions are aligned to India's development agenda and we are constantly expanding our outreach through government and civil society partnerships, strategic MoU's and Public Private Partnerships.

I firmly believe, business is an enabling force for social advancement. Our longstanding model of inclusive growth has already positively affected communities in Chhattisgarh, Jharkhand, and Odisha. Wide ranging community initiatives, from vocational training programs that empower local residents for skilled industrial and service jobs, to community-based health interventions for women and girls, our CSR initiatives have improved the physical, social, and economic well-being of over a million lives.

Going forward, we will continue to deliver consistently on the expectations and needs of our wider stakeholder fraternity across India and our global operations. As we look ahead toward the continuation of programs to support the residents of our operational areas, we seek to strengthen our initiatives through a focus on partnership, innovation, and impact. By doing so, we will be able to create sustainable value for the community at large and build the nation of our dreams.

PRESIDENT'S MESSAGE



Smt Shalu Jindal
President, JSPL Foundation

At JSPL, community engagements to co-create better socio-economic opportunities are part of our commitment towards good corporate citizenship. With a vision to strengthen, our Founder Chairman- Shri O P Jindal's vision- we endeavour to bring about inclusive growth and development in our operative geographies through various need based community interventions across our domestic and global locations. Corporate Social Responsibility is the foundation of our work. We began CSR activities in Chhattisgarh, Jharkhand, and Odisha even before setting up our factories because social initiatives are not external, but interwoven with our business.

In the last year, JSPL Foundation has honed its CSR programmes to focus on the areas of greatest need across our operational areas: healthcare, education & skill development, and the development of communities and local infrastructure. These areas were selected based on JSPL's long-term engagement in these communities and our desire to establish sustainable, scalable programs that can be tailored to the specific requirements of a particular local milieu.

Good health provides the foundation for a happy and productive life. JSPL's health initiatives address needs of different groups, including young women and people with disabilities, whose health requirements are not always adequately served by existing systems. Through community-based health workers, health education programs, improved sanitation, and rehabilitation centres, JSPL's healthcare initiatives aim to create a strong base for healthy futures.

Education and Skill development are the corner stones of empowerment across India. Our Education Institutions across the states of Chhattisgarh, Odisha and Jharkhand offer programs right from primary, higher secondary to technical and management education. Along our journey, over 70,000 children have been imparted quality education through a disciplined curriculum in our Schools, located in remote areas where quality education was just a distant dream. With a view to augment the employability of the rural youth through induction of industry appropriate skill, OP Jindal Community College in Chhattisgarh, Jharkhand and Odisha, impart certified skills towards gainful employment and livelihood security. These Institutes have facilitated over 200,000 skilled youth that have been added to the national skill pool so far. I am enthused to share that two of our rural mason trainees from Uttarakhand were recently felicitated by the Prime Minister for their exemplary skill sets.

Additionally, through our various Self Help Groups, women are trained in various vocational skills to equip them to lead a life of economic prosperity and dignity. In FY. 15-16 alone – over 1500 women were benefitted through our consistent income generation activities. Our rural development programs address the need for both physical infrastructure and economic opportunity in the communities where we work. We have built over 200 kms of roads and augmented village-city connectivity significantly. Our need based interventions facilitate rural Infrastructure support in building affordable houses, classrooms, and sanitation facilities on one side, while supporting sustainable livelihoods on the other.

Being grass root change agents ourselves, we embarked on identifying and honouring other change agents to sustain the ethos of social development in the grass roots across India. Last year, JSPL Foundation instituted the Rashtriya Swayamsiddh Samman – Awards to honour individuals and organizations that were beneficiaries of our CSR interventions and then, became enablers and are leading socio-economic change on the ground thereby forming a unique human chain. The effort is to felicitate Champions of Change, who through their exemplary courage, will and determination are bringing about a positive change in our society. Going forward we will continue our momentum to honour unsung community leaders and organizations who have been catalysts for social and economic prosperity at the grass roots.

In the coming years, our focussed CSR interventions will continue to enhance the socio-economic profile of our communities and partner in nation building.

MANAGING DIRECTOR & GROUP CEO'S MESSAGE



Mr. Ravi Uppal

JSPL is a long term value creator for the nation, has always believed in inclusive growth and proactively advocates the concept of social responsiveness through community interventions. The cornerstone of our business strategy is to achieve sustained growth while co-creating better socio-economic opportunities in our ecosystem. JSPL Foundation, our CSR arm- is the expression of our corporate stewardship committed to enhance the quality of life of all our stakeholders in our operative geographies.

We have an articulated CSR vision, which is aligned to our business vision. Through our sustained outreach programs, we are trying to make a truly substantive difference by targeting need based interventions for community welfare in our operative geographies across Asia, Africa and Australia. We have received numerous awards and accolades for our community engagement in the states of Chhattisgarh, Odisha and Jharkhand in India. We have curated impactful interventions in the key areas of HealthCare, Education, Vocational training & Skill Development, Women Empowerment, Sustainable Livelihood and Need Based Community Infrastructure Development – in our operative geographies.

Over the years, our capacity building movement through community interventions has gained tremendous traction and has become a key building block for addressing social change. We have steered institution building and advanced social development by committing our resources to Institutions – The OP Jindal Fortis Raigarh Hospital & Research Centre, OP Jindal Schools, the OP Jindal University, Jindal Institute of Power Technology and OP Jindal Community Colleges; serve the interests of our communities and are catalysts in accelerating education, healthcare and employability in our locations.

We firmly believe business and society can strengthen each other, when they are integrated in mutually reinforcing partnerships. Hence, we are consistently expanding our CSR outreach to partner the country's development agenda through various strategic public private partnerships to widen our reach and leverage expertise by working closely with civil society and government bodies.

JSPL Foundation is dedicated to the cause of sustainable social development and is proud to have made a positive impact on the lives of millions of people through sustained community outreach interventions across our global geographies.

Going forward, as we continue to play an active role in India's industrial regeneration, our community engagements will create value in a manner that is environmentally sustainable and socially uplifting. The urgency to carry forward our social mandate flows from the management to every member of our global team. I am certain that the persistent efforts of our on-ground CSR team will facilitate holistic community development, in line with our wider stakeholder expectations.

In keeping with our collaborative spirit, I invite you all to participate and support our journey to accelerate the wheels of development towards sustainable growth in India.

FOREWORD



Mr. Prashant Kumar Hota
Group Head, CSR & Education, JSPL

Corporate Social Responsibility is very much embedded in the Vision and Mission of JSPL. This has driven our conviction to make our operations more inclusive to consciously address the needs of our stakeholders. Our revered Founder Shri OP Jindal's social vision has rolled out a mission for the Company to orient business development to achieve inclusive and equitable socio-economic growth, much beyond profit making, which has set a framework for all of us to act in the interest of People and Planet with high sense of accountability.

All the Corporate Social Responsibility (CSR) interventions in our business locations in India are being implemented in Project mode adopting a 360 degree approach. All the Projects are based on the Community's need profile analysis. Conscious efforts are being taken during implementation to induct community ownership for ensuring sustainability. Collaboration with Government and Development Institutions has shaped our CSR Projects to imbibe high potential of replicability enabling the projects to withstand the sensitivities associated at the grass root level.

Right from conceptualisation, planning, project formulation and implementation to participatory monitoring of the CSR Projects, the local community has been playing the role of the front line stakeholder in all business locations of the Company simultaneously co-driving the operations along with the CSR Professionals. We view education, especially primary education as one of the building blocks of a well-functioning society. The Company supports and supplements state efforts to strengthen quality education. Of particular importance is the OP Jindal Community College in 3 Eastern States which support the "Skill India" mission of the government by providing opportunities for technical training leading to augmentation of employability of the youth through three aspects of learning-by-doing, global quality training and expanding opportunities. We also continue to support the local communities for augmenting the rural infrastructure which has ignited community ownership of Common Property Resources besides accelerating the faster movements of goods and services.

In JSPL, CSR is not a Business Policy or Statutory obligations alone, it is in the DNA of the Company. The commitment for Nation building of the Hon'ble Chairman of JSPL, Shri Naveen Jindal has set a self-accepted goal for each CSR & Education Professional working in JSPL to dedicate themselves shaping the lives of the local Community. The passion for inclusive development being chased by the esteemed President of the JSPL Foundation, Smt. Shallu Jindal has become the source of inspiration for the CSR professionals and direction rendered by MD & Group CEO, Mr Ravi Uppal has made the CSR team more responsive and socially more accountable.

We place on record our gratitude to the State Governments of Chhattisgarh, Jharkhand and Odisha, the Collectors, District Administration, the line Departments of the Districts in which our Business locations are operating and CSR collaborators for their constant support in implementing the Community Based Projects.

We also wish to extend our thanks to the faculty members of the JGU CSR Network at the O.P Jindal Global University for their assistance in drafting this report. We acknowledge with humbleness that we have a long way to go. It is imperative for all of us to join in this effort, so that along with a supplier and partner of choice, we also become a neighbour of choice.

JSPL at a glance

Jindal Steel and Power Limited (JSPL) is a major business conglomerate in India with a significant presence in steel, power, mining and infrastructure segments. With an annual turnover of US\$ 2.68 billion, it is part of the US\$ 18 billion diversified O.P. Jindal Group. JSPL is led by its Chairman Mr Naveen Jindal, the youngest son of Shri O.P. Jindal.

The company has the distinction of producing the world's longest rails of 121 metres, large sized parallel flange beams, high strength angle irons for transmission towers and high strength earthquake resistant TMT rebars. JSPL operates the largest coal-based sponge iron plant in the world with an installed capacity of 3.25 MTPA of steel at Raigarh in Chhattisgarh. The company has a total installed steelmaking capacity of 6.75 MTPA and aims to grow in a holistic manner and contribute substantially to India's long term growth story.

Business in Numbers

US\$ 18 Bn

JSPL is part of the illustrious US\$ 18 billion O. P. Jindal Group

US\$ 2.68 Bn

JSPL turnover as on 31st March, 2016

17th

Rank among World Class Steel Makers as per World Steel Dynamics, USA

6.75 MTPA

Installed steel-making capacity (India & Oman)

5,058 MW

Installed power generation capacity

9 MTPA

Pellet-making capacity

₹ 3,633 Cr

Operating EBITDA in FY 2015-16

19%

Operating margins in FY 2015-16

21 countries

Export presence

₹ 47.32 Cr

CSR expenditure in FY 2015-16 (Consolidated)

7.7 Mn

Saplings planted till date

1 Lac families

Anchor a socio-economic ecosystem of 100,000 families



Our Plants

RAIGARH, CHHATTISGARH

The Raigarh plant with up to 3.25 million tonnes per annum (MTPA) steel production capacity is the world's largest coal-based sponge iron manufacturing facility in the world. It has an installed 284 MW captive power plant (CPP) at Raigarh and a 540 MW CPP at Dongamauha, district Raigarh, Chhattisgarh.

ANGUL, ODISHA

JSPL has a 1.5 MTPA steel melting shop, 1.2 MTPA plate mill and 810 MW captive power plant at Angul, Odisha. We are in the process of setting up a 6 MTPA integrated steel plant at Angul.

Our plate mill is capable of producing 5-meter-wide plates – the widest plate ever built in India. The facility develops special grade plates for various critical applications like boilers, ship building, petroleum pipes, automotive, earth movers, oil exploration, warships, bullet proof vehicles and nuclear application.

PATRATU, JHARKHAND

JSPL's Patratu manufacturing facility, has a total finished steel capacity of 1.6 MTPA. The company operates a Bar Rod Mill (1MTPA) and a Wire Rod Mill (0.6 MTPA) along with a rebar service centre. These mills are equipped with the latest state-of-the-art technology to offer advanced quality products like Wire Rods, TMT Rebars, Rounds, Angles, and ready-to-use products like Weld Mesh, Cut and Bend Rebars.

RAIPUR, CHHATTISGARH

JSPL's in-house heavy machinery division caters to all the requirements of equipment and spares of steel, cement, mining and power plants of the group and other similar industries. We are planning to increase our production capacity from 30,000 MT to 50,000 MT per annum in FY 2016-17. The division has created a niche for itself by building heavy machinery for diverse industrial clientele in India and globally. JSPL Machinery division has been organised into five Business verticals to reach out to core sectors: Cranes – EOT & Gantry, Steel Plant & Mining equipment, Pressure Vessels & Power Plant Equipment, Bulk Material Handling Systems and Ferrous Castings.

TENSA, ODISHA

Our Tensa iron ore mine partially fulfils the Company's requirement of iron ore for producing sponge iron. Equipped with fully mechanised techniques, it currently produces about 3.11 MTPA of iron ore; and is paving the way to achieve the Company's plan to become self-reliant in iron ore.

BARBIL, ODISHA

Our pellet plant at Barbil has a total installed capacity of 9 MTPA production for different pellet grades. The plant includes dry grinding facility that harnesses recuperation type of straight grate technology.

Global Ventures

JINDAL SHADEED, OMAN

JSPL has established the first and largest Integrated Steel Plant in the Sultanate of Oman and fourth largest in the Gulf region. With the commissioning of the Rebar Mill, our capacities now stand at 1.5 MTPA Hot Briquetted Iron (HBI), 2 MTPA Steel Melting Shop (SMS) and 1.4 MTPA Rebar Mill.

The plant comprises state-of-the-art steel making facilities with the best features in terms of product range and productivity.

SOUTH AFRICA KIEPERSOL COLLIERY

Jindal Africa operates the Kiepersol Colliery, which is an underground operation located within the boundaries of the Mkhondo Local Municipality in Mpumalanga, South Africa. Jindal Africa has taken significant steps to strengthen its operational efficiency by implementing in-house mining operations that will reduce our operating cost on two sections within the underground mine.

JINDAL AFRICA, MOZAMBIQUE

The company operates a colliery in Tete Province of Mozambique, which operated at a reduced capacity of 1.2 MTPA in FY 2015-16. It has made headway into the regional thermal coal markets of Malawi and Zimbabwe. JSPL is targeting export of 10,000 tons of thermal coal per month to neighboring countries.

JINDAL AFRICA BOTSWANA

JSPL has mining rights for the 6 billion tonne coal resource at Botswana. During FY 2015-16, we emerged as a preferred supplier for cross-border IPP procurement programme by South African government for 3750 MW power plant.

WOLLONGONG COAL LIMITED AUSTRALIA

Wollongong Coal Ltd., a subsidiary of Jindal Steel & Power (Mauritius) Ltd, has two coking coal mines- Russell Vale and Wongawilli with a combined mining reserve of 122.7 MT. Both mines are located at a distance of 10-15 Kms from port Kembla. The unique geographic location gives it access to experienced mining community and also has rail and road connectivity. The approved section of long wall 6 (365m) at Russell Vale mine was completed in July 2015.



JSPL Foundation

At JSPL, we have always aligned business priorities with social commitments, targeting need-based interventions for community welfare in our operative geographies across Asia, Africa and Australia.

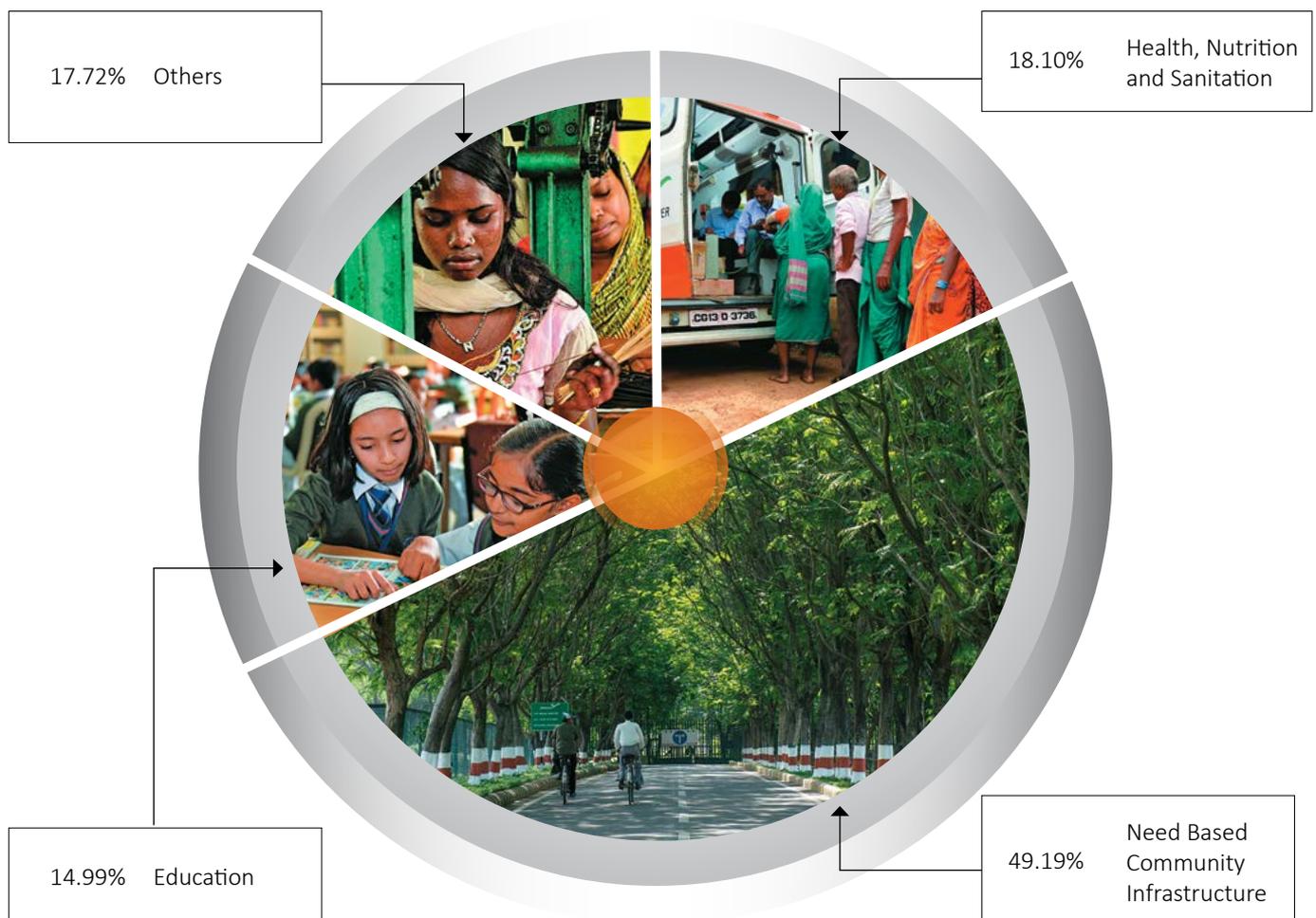
JSPL Foundation is dedicated to the cause of humanity and is focused upon improving the Human Development Index by way of positioning itself as a parenting force of various Social Change Agents operating at the ground level. The Foundation has been guiding force of the sustainable social development initiatives implemented by Jindal Steel & Power across its business locations. The Foundation has launched a set of regional and national awards to recognize and nurture talent at the grassroots level, titled Swayamsiddh Samman. Apart from this, the Foundation has instituted a unique initiative called Swayamshilp, wherein a series of workshops are being conducted across India for providing the artists from the tribal hinterland with a live national platform.

The CSR interventions are focused on enhancing quality of life of the community in the vicinity of business locations by way of improving community healthcare and education and also developing critical small civic infrastructures besides generating sustainable livelihood options, promoting sports, art and culture.

JSPL's CSR Program is based on the following framework:

1. Project Formulation based on Need Profile Analysis
2. Community focused Participatory Planning
3. Collaborative mode of implementation
4. Concurrent Monitoring on participatory mode
5. Impact monitoring of Projects
6. Evaluation & Social Audit (in process)

CSR Activities Expenditure at JSPL's Indian operations FY 2015-16



A Snapshot of our journey till date

Intervention	Beneficiaries
Free Health-checkups	{150,000} Underprivileged Patients
Health Camps & Telemedicine Centres	{500,000} Individuals
Skill Development through Community Colleges	{150,000} Individuals
OP Jindal Schools	{100,000} Students
Infrastructure Support	{Over 100 km roads & over 200 ponds}
OP Jindal Merit Cum Means Scholarship	{12,000} Students
Self Help Groups	{200 SHG- 4000} Women Supported

Key Outcomes 2015-2016

Healthcare	Education & Skill Development	Infrastructure & Community Development
{200,000} People benefited from Healthcare initiatives	{15000} Students Empowered through Quality Education	{1000} Sanitation facilities benefitting over 100000 people
{85,000} Adolescent Girls benefited through Anaemia Diagnostic & Referral Support	{1500} Students provided with mid-day meals	{20} Community Buildings- benefitting over 50000 people
{800} General & Specialized Health Camps	{1147} Scholarship granted for Higher Education.	{250,000} People provided with safe and clean drinking water
{50,000} Population Stabilization Advocacy	{24690} Vocational training & Skill Building	{150} Women Self Help Groups (SHG's)
{100,000} Women Benefitted through Reproductive Healthcare Services	{1000} Women Entrepreneurs developed	{500} Women having access to Supplementary Income.

Indicative figures



CSR INITIATIVES

At Jindal Steel & Power Ltd (JSPL), CSR is integral to its business processes and operations, and the Company drives holistic community initiatives to help address some of the persistent social challenges in the realms of education, healthcare, skill development and empowerment of women. JSPL aligns its programmes with the Government and other developmental agencies with an objective of bringing about a radical transformation in the lives of the communities and integrating them into the mainstream development process of the country.

CSR Approach

JSPL's approach is to build social capital in the community by facilitating social investments based on the partnership and community ownership mode. The Company promotes the concept of 'Leadership with trust' working with local communities and other stakeholders for ensuring continuous and smooth operations. In order to further cement this partnership, between civil society, government and business, JSPL pursues a responsible collaboration mode with regard to implementation of social development models for building synergetic partnership.

JSPL has been consciously operating in a framework of Triple Bottom Line (TBL) and therefore has developed an operating system which is compatible to the environmental as well as to the community needs. This approach of using TBL as a framework with a focus on building synergetic partnerships plays a crucial role in truly building pathways for sustainable development in the regions where the company has been executing its CSR work.



Shri Naveen Jindal with children of Kalinga Institute of Social Sciences

This approach of partnership also helps in integrating its business values to meet the expectations of all its stakeholders and to minimize / nullify thereby the conflict areas.

Formation of such synergetic partnerships is ensured by JSPL taking the following thoughtful steps:

- Ensuring that the relevant communities benefit by JSPL proactively responding to their needs
- Building and strengthening the community based institutions.
- Working in partnership with civil society organisations (CSOs) and in convergence with the government bodies to widen the reach and leverage each partner's individual experience and expertise
- Providing required hand holding assistance during times of disasters
- Encouraging employees to volunteer

The CSR interventions are being executed in a project mode adopting a 360 degree approach, encompassing the following steps:

Tripple bottom line (TBL)



People

- Building social capital health
- Education
- Infrastructure



Planet

- Energy management
- Environment conservation



Profit

- Adding economic value
- Income generation

1. Need profile analysis
2. Project formulation taking into account the stakeholder and responsible partnership
3. Project implementation
4. Concurrent participatory monitoring
5. Social evaluations
6. Launch of new projects based on learning

These steps above ensure that core principles in sustainability and social & ecological resilience are integrated across all stakeholders.

Given the approach, and for the purposes of the report JSPL's CSR activities have been clubbed in three broad areas: Healthcare, Education and Infrastructure (including community development) for the 'people' aspects of CSR spending. For the 'Planet', JSPL works on various aspects of creating Carbon sinks, vegetative coverage including more efficient energy management system. For 'profit' aspects of TBL, JSPL works on integrating business values to principles in sustainability with high levels in compliance, ethics and ensuring academic rigour in its CSR endeavours (for instance this very report has been written with key inputs from eminent academics trained in diverse disciplines from across the world to our on-ground staff leveraging international expertise to local knowledge).



Students of D.A.V Savitri Jindal High School



Training for Skill Development of Specially-abled

The Sustainable Development Goals can only be realized with a strong commitment to global as well as local partnership and cooperation. Given that the world today is more interconnected than ever before, improving access to technology and knowledge is an important way to share ideas and foster innovation. JSPL realises that there are many synergies possible and the Company drives to introspect as to how its CSR activities are aligning with International, National and Local targets or policies. This report has been crafted such that the reader can appreciate how JSPL's CSR initiatives are forging alignments and partnerships across different levels of thinking.



Smt. Shalu Jindal with Swayamsiddh Samman Awardee

JSPL's approach has been to create shared value with creation of key institutions, including those in the realms of education. CSR activities, from crafting, assessing to reporting will benefit greatly from academic rigour. In keeping pace of these realised synergies as a result of JSPL's institution building activities, a resulting evolution will be in CSR with a strong industry-academia-policy-community partnership. While academia is a partner in CSR reporting at this stage, going forward the nexus will be observed in design and assessment stages of JSPL's CSR work.

CSR Projects at Indian Locations

Location	Health, Nutrition and Sanitation	Education	Need based community Infrastructure Development	Others
Tamnar	<ol style="list-style-type: none"> 1. Vatsalya 2. Tele Medicine Centre 3. Health Camps 4. Sanjeevani Health Centre 5. Combatting Malnutrition 6. Community Plantation 7. Construction of toilets 8. Water bodies renovation 9. Khel Wadi at Government Schools 	<ol style="list-style-type: none"> 1. Community teachers support to vernacular medium schools 2. Uthaan- Skill Development 3. Merit cum Means Scholarships 4. Teacher training 5. Balwadi 	<ol style="list-style-type: none"> 1. Construction of Roads 2. Construction of Hospital 3. Community building construction 4. Other Rural Infrastructure 	<ol style="list-style-type: none"> 1. Promotion of Agriculture based livelihood programs like Wadi, Sri 2. Non-Farm based SHGs like Mushroom Cultivation, Handicrafts 3. Sports promotion 4. Animal Husbandry Camp
Raigarh	<ol style="list-style-type: none"> 1. Asha- The Hope 2. Health Camps 3. Leprosy Camps 4. Tele Medicine Centre 5. Referrals to Super Speciality hospitals 6. Ground Water Recharging 7. Renovation of Drinking water facilities 	<ol style="list-style-type: none"> 1. Women Literacy Mission 2. Community teachers support to Government Schools 3. Scholarship 4. School Infrastructure building 5. Setting up computer centres 	<ol style="list-style-type: none"> 1. Construction of Roads 2. Construction of community buildings 	<ol style="list-style-type: none"> 1. Promotion of Sports 2. Non-Farm based micro enterprises promotion.
Angul	<ol style="list-style-type: none"> 1. Kishori Express 2. Tele Medicine Centre 3. Health Camps 4. Community Plantation 5. Toilets Construction 	<ol style="list-style-type: none"> 1. Jindal Vidya Peeth 2. Aarambh- Pre School 3. Scholarships 4. Community teachers support to government schools 	<ol style="list-style-type: none"> 1. Water Shed Development 2. Community Infrastructure building 3. Roads Construction 	<ol style="list-style-type: none"> 1. Sports Promotion 2. Non-Farm Microenterprises promotion 3. Farm Based Micro enterprises promotion
Barbil	<ol style="list-style-type: none"> 1. Health Camps 2. Tele Medicine Centre 3. Kishori Express 4. Community Plantation 5. Toilets Construction 	<ol style="list-style-type: none"> 1. Building up of School Infrastructure 2. Scholarships 3. Community teachers support 4. Teacher Training 	<ol style="list-style-type: none"> 1. Rural Electrification 2. Rural Infrastructure construction 	- Sports Promotion
Patratu	<ol style="list-style-type: none"> 1. Tele Medicine Centre 2. Health Camps 3. Combatting Malnutrition 4. Bio-gas Management 5. Toilets Construction 	<ol style="list-style-type: none"> 1. Scholarships 2. Building up of School Infrastructure 	<ol style="list-style-type: none"> 1. Construction of Roads 2. Construction of other Rural Infrastructure 	<ol style="list-style-type: none"> 1. Sports Promotion 2. Non-Farm Microenterprises promotion



HEALTHCARE



Telemedicine Centre, Patratu

Overview

The backbone of any society is healthy populace who are both physically and mentally fit. Since its inception, JSPL has been carrying out need based health interventions which are not only curative, but also preventive in nature. JSPL provides a comprehensive range of services to benefit the community, ensuring that its stakeholders are productive and safe everywhere. JSPL is an active investor in healthcare, which is a pillar of its social responsibility programme.

Wherever appropriate, JSPL partners with non-governmental organizations and government authorities in its efforts to improve access to quality healthcare and immunization facilities. The company is involved in making available safe, potable drinking water and in activities aimed at population stabilization; combating HIV/AIDS and managing the interests of the differently abled.



e-Health Centre, Angul

Global Goals

Good Health and Well Being is identified as one of the Sustainable Development Goals (SDGs) of the United Nations (Goal 3).

Under its CSR initiative of JSPL, efforts are put in to make good health affordable and accessible to the local communities and the society at large. As part of this, JSPL has been operating charitable clinics, mobile health units, specialized health camps and hospitals to provide healthcare facilities to the community. JSPL's efforts at contributing to the health, physical and mental well-being of the local communities and surrounding areas are aligned to the United Nations Sustainable and Millennium Development Goals.



Mobile Medical Van, Tamnar

National Priorities

The mission of the National Health Plan, as outlined by the Ministry of Health and Family Welfare are to reduce Measles, Mumps, and Rubella in infants, to increase the total fertility rate, to reduce anaemia in women aged 15-29, to prevent and reduce mortality & morbidity from communicable, non-communicable; injuries and emerging diseases, to reduce household out-of-pocket expenditure on total healthcare expenditure and to reduce incidences of malaria.

Each of JSPL's healthcare efforts align and support the above mission objectives at a national level and has succeeded to a large extent in preventing outbreak of vector borne diseases in the vicinity of its business location and minimize incidences of hospitalisations of community members.

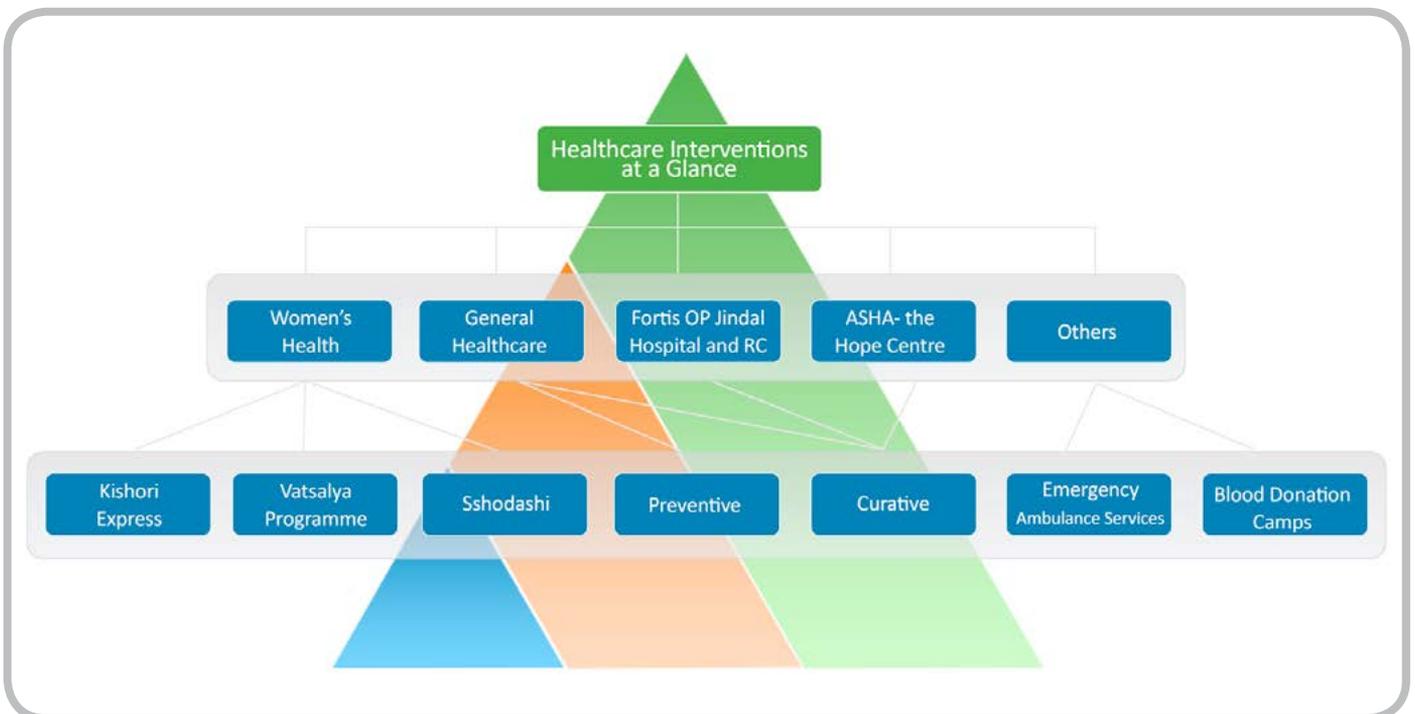
Local Contexts

To supplement the community healthcare facilities provided by the Government in the unreached area and in the vicinity of business locations of JSPL, under its CSR programs addresses such problems through quality healthcare services brought at the door steps of the nearby communities.

In regions susceptible to low levels of healthcare, either due to a shortage of qualified medical personnel or due to the prevalence of stigma associated with certain health conditions, JSPL offers quality medical advice and healthcare using state-of-the art methods and practices. In remote or inaccessible areas, a Mobile Medical Van with a team of qualified medical personnel provide preliminary diagnostic & curative services. Eligible cases that require referral services to super specialty hospitals are identified and assisted to get the best possible medical services.



Community Health Centre, Barbil



WOMEN'S HEALTH AND WELL-BEING

Kishori Express

Kishori Express is a flagship programme which reaches out to villages and schools to address the problem of anaemia in adolescent girls living in the Chhendipada and Banarpal blocks in Angul, Odisha. Operating in collaboration with ICDS, Zilla Swasthya Samiti and the National Health Mission, the Kishori Express, in the form of a customised mobile van, operates in scheduled locations in due coordination in a structured calendar.

As a part of the awareness campaign associated with the Kishori Express, its staff, working alongside with government service providers such as ASHA and AWW interact with adolescent girls on health, diet, nutrition, hygiene awareness and anaemia control. Further, haemoglobin testing, sensitization programmes through counselling video shows, leaflet distribution and iron centric seed kit distribution are also carried out. Interactive quiz competitions on health and personal hygiene in the form of video shows inside the mobile van helps the young women to become aware of menstrual, reproductive canal hygiene, nutrition, iron deficiency and vector borne diseases.

As a result of the efforts of the Kishori Express, the following outcomes have been observed:

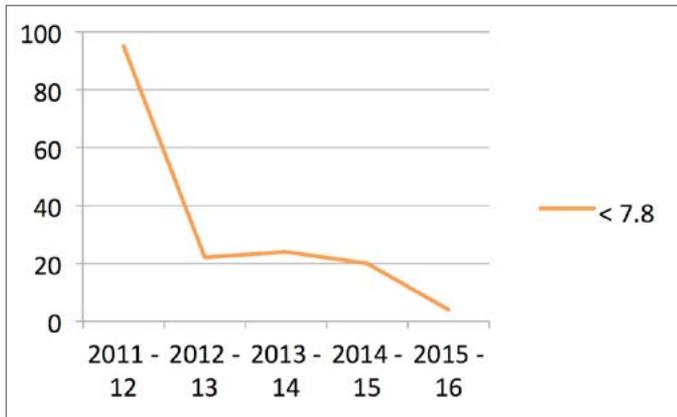
1. During the year 2015-16 in Chhendipada block the percentage of severe anaemic cases have been reduced by 91% of the cases identified in the base year 2011-12.
2. During the year 2015-16 in Banarpal block the percentage reduction of severe anaemic cases has been 87% of the cases identified in the base year 2012-13.



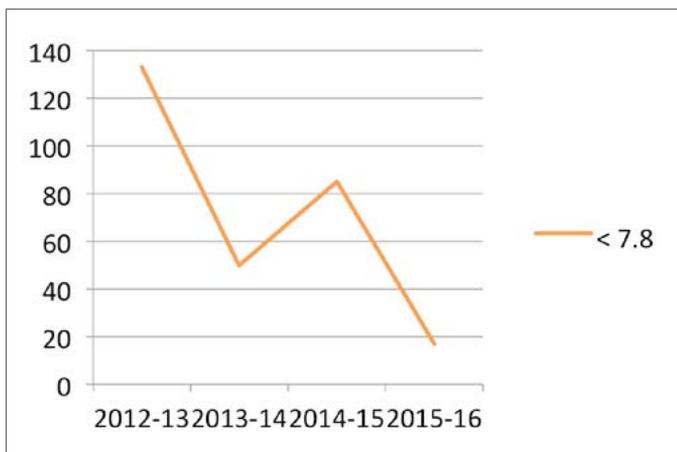
Kishori Express, Angul

Detailed outcomes and trends

Sl. No	Block	Village (Total)	Village covered	Visits	Total No of Hb test done	Anaemia status detected (in %)			Reduction in 7.8% cases			
						>10.8	10.8 - 7.8	<7.8	Severe anaemia cases detected at inception	Cases recorded as on April 2015 to Feb'16	No. of Cases reduced	% of reduction
1.	Chhendipada	185	175	1240	40887	30360	10362	165	95	4	91	95.79
2	Banarpal	136	131	1079	44964	34200	10479	285	133	17	116	87.22
Total		321	306	2319	85851	64560	20841	450	228	21	207	90.79



Reduction in $<7.8\%$ anaemia cases between 2011 and 2016 in Chhendipada



Reduction in $<7.8\%$ anaemia cases between 2012 and 2016 in Banarpal

Of particular interest is the story of Sarita Das, a resident of Gopabandhu Nagar, Basudevpur, Angul. As a student of Talcher Junior College, Angul, she is also the recipient of the OP Jindal scholarship. The Kishori Express reaches out to villages and schools as per a given schedule within the Chhendipada and Banarpal blocks of Angul. Upon visiting Sarita's school, an interaction with young girls on health, hygiene awareness, anaemia control was carried out. Sarita has been a project beneficiary of the Kishori express for past 3 years. Initially she was experiencing difficulty in physical exercise and mental concentration which aggravated later on. During her initial haemoglobin testing through the Kishori Express in 2011, her haemoglobin was found to be 8.4. She was counselled on diet, nutrition, hygiene by Kishori Express staff along with government service providers like ASHA, AWW. Over the time, her haemoglobin increased to 11.5 in 2012 and 12.5 in 2013. The efforts by Kishori Express has helped the adolescent girls like Sarita with awareness about nutritious diet and hygiene factors. With this awareness program, the girls have a visible change in their physical fitness and behavior patterns and have better performance in studies.

As a result of such efforts, Kishori Express has a high visibility in Angul block and the local government administration is very keen in replicating it in other blocks.

Vatsalya Programme

This programme was implemented in the Tamnar region of Chhattisgarh and Jereldaburu region of Jharkhand which aims to reduce infant mortality rate (IMR) and maternal mortality rate (MMR) by means of educating the entire local population regarding the services related to Ante Natal Care (ANC) and Post Natal Care (PNC). In addition, this programme encompasses in raising awareness on the related issues like family planning and the use of contraceptives for achieving population stabilization, increasing institutional delivery, combating malnutrition, adolescent health care, sanitation awareness. The programme commenced in 2010 with 30 village-based women called 'Swasthya Sanginis' and has now expanded to 48 in due collaboration with the government departments like ICDS, Health Department and likeminded NGO's.

The programme has been rolled out in 38 operational villages covering a population of 42000. In 2015-16, the project rendered pregnancy care services to 608 women, assisted 482 institutional deliveries, supported the vaccination of 4244 children, organized 660 community meetings in which 6273 women participated. Under this programme by 2015-16, 350 ANC and 315 PNC classes that enlightened 1591 and 1974 women respectively were conducted. Awareness sessions for 137 newlywed couples and 705 adolescent girls were organised. Also 1060 learning through playing programmes on sanitation and hygiene involving 12382 children were staged. Food supplements were provided to 750 malnourished children and 57 population stabilization sessions involving 1450 people were organised.



Vatsalya Centre, Tamnar

The programme's impact was assessed in 2015-16 in a joint study with the GRAPS Analytique Pvt Ltd New Delhi. The main findings were:

- Compared to the base year 2010, institutional delivery increased by up to 75- 80% during the year 2015-16.
- By the end of the year 2015-16, more than 82% of pregnant women went through three ANC check-ups in these 38 villages.
- 99% of pregnant women got TT-2 injections.
- 94% of infants were given colostrum (first milk).
- 99 % children have started practicing of washing their hands three times a day before meals.
- Out of 450 malnourished children, 132 progressed from moderate to general category.

In addition, the Vatsalya Kendra also helped JSPL to conduct counselling sessions for effective participation in government organised LTT/NSVT camps for eligible couples and newlyweds who were provided easy access to contraceptives. Through their preventive healthcare efforts, as under, the Company facilitated to provide post-natal care services including awareness campaigns on breast feeding to infants.



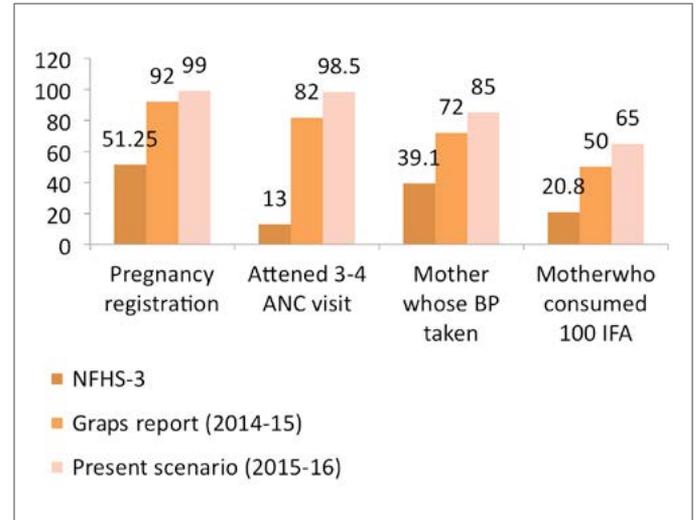
Counselling by Vatsalya Health Volunteer

During 2015-16, the Vatsalya programme succeeded in:

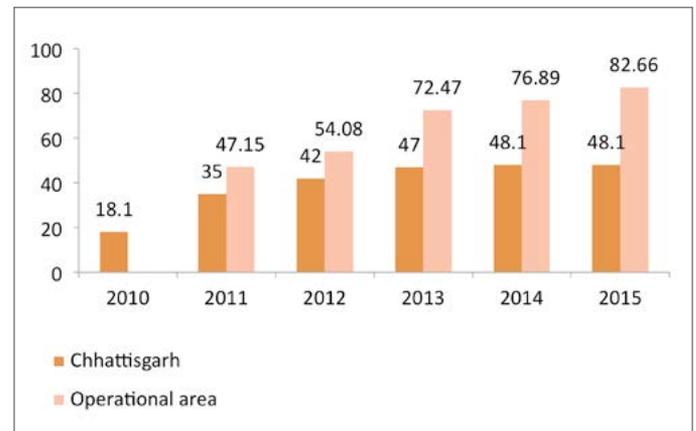
- Improving maternal health, the programme facilitated 61 institutional deliveries by Swasthya Sanginis with support provided such as early registrations, ANC check-ups, vaccination of expecting mothers, and vehicular support in transportation of pregnant women to hospital during pre and post-delivery.
- Providing mobilization and other logistic support as part of the local governmental immunization program which benefited 453 women and 1570 children.
- Inculcating the importance and practice of personal hygiene and cleanliness among students of government schools including rural play schools. A total of 197 Khelwadi sessions were organized in 10 villages in which the number of children attended were 3389. In such programmes children were made aware of hand washing, daily bathing, combing, nail cutting, oral hygiene.
- Organizing 203 women meetings for awareness on maternal and child health. Topics like early registration during pregnancy were discussed, ante natal check-ups, vaccination for TT, IFA tablets consumption, balanced nutrition during pregnancy, delivery in hospital, colostrum feedings, exclusive breast feedings, post-natal care including child immunization and supplementary feeding . Total attendance recorded was 2340 women.
- Organizing 102 meetings of 1190 adolescent girls to spread awareness on topics such as adolescent health related issues, menstruation, and menstrual hygiene
- Recognising the good work of Swasthya Sanginis, last year two Swasthya sanginis one each from Gangda and Thakura were felicitated in state level Swayam Siddha Programme in Ranchi. President of JSPL Foundation Smt. Shallu Jindal felicitated them.

The charts below depict the spread of operation and impact of the program as in 2016.

Pregnancy Registrations & Ante Natal Care (%)



Institutional Deliveries (%)



Vatsalya Centre, Tamnar

Sshodashi & Subhangi-Low Cost Sanitary Napkins



Linked to the Kishori Express and the Vatsalya programmes are the programmes 'Sshodashi' (Angul) and 'Subhangi' (Tamnar) that promotes the manufacture and use of low cost sanitary napkins in association with Self Help Groups (SHGs) in the villages surrounding JSPL unit in Angul, Odisha and JPL unit in Tamnar, Chhattisgarh respectively. In Chhattisgarh, while machines and raw materials to SHGs were provided by the Company, the space of the manufacturing centre is provided by the Panchayat. By promoting the use of sanitary napkins, there is a direct impact on women's health through safe personal hygiene practices thereby improving health. Sanitary napkins so manufactured are provided to young women at a token price. During the year 2015- 2016, 1166 sanitary napkin packets have been distributed from Vatsalya Centre in Tamnar. Due to the religious and cultural stigma associated with menstruation in some rural areas of the country, young women are often reticent in purchasing sanitary napkins from medical stores or dispensaries. Both the initiatives Sshodashi and Subhangi allows girls to maintain their menstrual health without the possible associated stigma.

General Healthcare Initiatives



Keeping in view the healthcare needs of the community, JSPL undertakes various healthcare initiatives in and around its operations across Jharkhand, Chattisgarh & Odisha through General Health Camps, Multi-Specialty Health Camps, Blood Donation camps, Need based referral support to patients, Support of Emergency Ambulance Services. Beside HIV/AIDS awareness & screening are also being carried out as per NACO guidelines. Awareness camps for vector borne diseases like Malaria, Typhoid and Dengue in the surrounding villages are also done. These interventions of Preventive & Curative Healthcare have benefitted a large number of people by avoiding the vulnerability of hospitalization.

Curative Healthcare

JSPL supports curative healthcare services primarily through two routes, viz., rural community healthcare dispensaries and mobile healthcare units.

Rural community healthcare dispensaries

The rural community healthcare services, also known as Rural Swasthaya Kendra, Sanjivini Rural Health Care Centre and E-Health Centres (Telemedicine Centres) cater to the health and medical issues of the local communities in and around all the operating units of the Company. To provide advance health services to community and outreach health services from super specialist for the referral patient to reduce mortality and morbidity, patients receive free diagnosis and medicines. The Telemedicine centres installed in different locations are linked to OP Jindal Hospital at Raigarh, Chhattisgarh.

In 2015-16, JSPL's rural community healthcare dispensaries treated patients as follows:

Location	Type of Health-Care Centre	Number of patients treated
Basudevpur-Barbil, Odisha.	Telemedicine (e-Health) Center	3642
Deojhar- Barbil, Odisha.	Rural Swasthaya Kendra (Community Dispensary)	8125
	Special Health Camp	342
Nuia- Jereldaburu, Jharkhand.	Tele-medicine Center	1474
Patratu, Jharkhand.	School Health Camp	2000
	E-Health Centre	6748
Tamnar, Chhattisgarh.	E-Health Centre	456
Tamnar, Chattisgarh.	Sanjivini Rural Health Care centre	2261
Tensa, Odisha.	Health Centre	5000
Badamahitala- Angul, Odisha.	Telemedicine (e-Health) Centre	5565
Sarangarh- Raigarh, Chhattisgarh.	Telemedicine (e-Health) Centre	3018

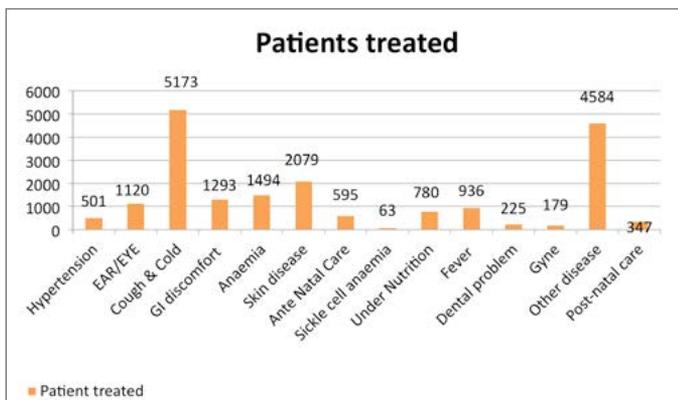
Mobile Healthcare and Dispensaries

Where patients find it difficult to travel to the health centres or dispensaries, JSPL provides Mobile Health Care Services for patients. Mobile health camps aim to provide access to quality and free medical services to poor and tribal populations in far flung, desolate or forest areas, and also to generate awareness on preventive health care, curbing superstitious beliefs. These mobile health care services also refer to critical patients to health centres or dispensaries.



Mobile Van, Raigarh

Specifically in the Tamnar region facilitated by JPL, patients were treated for the following ailments



OP Jindal Hospital & Research Centre

OP Jindal Hospital and Research Centre located in Raigarh, Chhattisgarh is a 70 bedded state-of-art tertiary care hospital was established on 7th August, 2008 with an aim of providing a depth of expertise in the complete spectrum of advance medical and surgical care equipped with high end facilities. The hospital is dedicated to provide competitive, accessible and affordable world class healthcare services to poor and weaker sections of the society and the community in and around Raigarh. The hospital entered into a management contract with Fortis Healthcare Ltd (India) known for tertiary care on 15th November, 2010.



OP Jindal Hospital & Research Center, Raigarh

O.P. Jindal Hospital and Research Centre is a Multi-Super Speciality Hospital with Cardiac Sciences, Ortho & Joint Replacement, Renal Sciences, Neuro Science, Gastro sciences, Mother and Child care as super specialties backed by a range of Multi-specialties. The hospital has a faculty of highly experienced physicians & surgeons who provide treatment across specialties. It provides special emphasis to critical care which is crucial to patients' recovery through advanced dedicated ICUs for all specialties.

The hospital has allocated 30% of its total bed strength to Critical care beds to facilitate delivery of quality medical care. The hospital has to its credit e-ICU a very new and novel approach directed at clinical excellence.

In 2015-16, the hospital treated 3511 IPD patients and 58775 OPD patients.

Subsidized specialized services are made available to patients depending on the criticality of disease and economic condition of patients as per certain prescribed criteria's through free treatment scheme supported by JSPL's CSR. Referral is arguably the crucial feature of any well- functioning health program. Hence, adequate referral support for clinical care has been provided by JSPL CSR to poor families through OPJHRC facility. Critical cases from the local district hospital are also often referred to OPJHRC in critical medical crisis. BPL (Below Poverty Line) card holders are offered free OPD services. A brief overview of subsidized treatments and services delivered is as follows

Particular	No. of Patients
Subsidized referral Services through JSPL CSR	77
Free treatment to poor patient	34
General Surgeries (Hydrocele, Hernia, cataract etc.) to poor patients through JSPL CSR	13
Free OPD Consultation to BPL patients	607

ASHA (The Hope) - Care Centre for Specially abled Children



ASHA - The Hope- Centre for Specially-abled Children, Raigarh

Since August 2009, around 2200 specially abled children have been provided with various rehabilitation services such as physiotherapy for mobility improvement, special education for cognitive, social and psychological development, special education for speech and hearing impaired children and creating skill up-gradation opportunities. During 2015-16, 317 Person with Disabilities (PWD) were also covered through CBR (Community Based Rehabilitation) services.

Regular Therapeutic and Educational Rehabilitation Services

Sl. No.	Services	New cases	Follow up cases
1	Physiotherapy & Occupational Therapy Services for locomotor disability	122	228
2	Special Education for Hearing , Speech Disability & Intellectual disability	97	592
3	Vocational & Livelihood skill development	73	346
4	Assistive and adaptive devices support	51	-
5	Mainstreaming of special children in Normal school	16	-
6	Rehabilitation of Persons affected with Leprosy	142	-
	Total	502	1166
7	Persons with disabilities served by Community Based Rehabilitation Services	317	
	Grand Total	819	

The difference that has been made through this centre has been in terms of achieving near normal mobility for 350 children having physical impairments, improvement in social skills such as activities of daily living and behavior pattern. Out of the above, 30 children were mainstreamed in Government Schools under inclusive education program of Sarva Shiksha Abhiyaan (SSA) and 50 children were educated on sign languages.

In order to enhance the quality of these rehabilitation services, the centre has forged partnerships with national and international organisations such as Motivation India, Mobility India, Sense International, Chhattisgarh Industrial Technical Consultancy, and National Handicapped Finance Development Corporation (NHFDC). These collaborations have ensured that persons with disabilities in Raigarh can obtain high-quality assistive devices at a subsidized rate. In 2015-16, 51 persons received support for assistive and adaptive devices from JSPL.

During the year 2015-16, ASHA – The Hope Centre has enabled 350 children with physical impairments; including 122 new children achieving near-normal mobility. The Centre has also helped 200 children with mental disabilities improve social skills, behavioural patterns, and activities of daily living. In 2015-16, sixteen children out of 50 who received instruction in sign language were mainstreamed into government schools under the inclusive education program of Sarva Shiksha Abhiyaan (SSA). Finally, 73 new children and 346 continuing children received skill development and vocational training for making an independent as well as healthy livelihood.



Over 2200 people benefitted from ASHA- The Hope, Raigarh

Other curative relief

In partnership with Niramaya Hospital, Ranchi, JSPL organized a camp for free screening and cataract operations especially for the old aged in the local community. During an initial screening, 45 patients were identified. A total of 23 patients were treated at Niramaya Hospital, Ranchi.

Preventive Healthcare

While qualified and efficient healthcare benefits the local communities within which JSPL operates, as the adage goes – prevention is better than cure. In its mission to improve the physical and mental well-being of the local communities, JSPL tackles this issue not just on the curative front, but also takes preventive steps to curb the spread of disease and stigma associated with certain diseases. These preventive steps largely fall within two categories, viz.- awareness campaigns and screening.



Training Session for Village Health Volunteers, Tamnar

HIV awareness campaigns

Along with the mortality rate commonly associated with HIV, patients often suffer social stigma in the form of ostracism, rejection, discrimination and avoidance by the very communities that they live in. In order to mitigate the social stigma and to identify and assist HIV positive members of the local community, JSPL often undertakes HIV screening and awareness camps.

In collaboration with Odisha State AIDS Control Society through ICTC (Integrated Counselling and Testing Centre), District AIDS Control Society, CGSACS, Utkal Sewak Samaj and following the ELM (Employer Led Model), JSPL reached out to 167204 truckers/migrant labourers and employees during the year 2015- 2016. As part of this effort, 337467 truckers/migrant labourer, employees have been covered in the programme since its inception. As a result, regular sensitization sessions, health camps, referral services and distribution of condoms are carried out on a regular basis.



Counselling on HIV AIDS

240412 beneficiaries have voluntarily availed the counselling and testing services within the purview of NACO guidelines. 98 people have been found positive and are presently undergoing anti-retroviral treatment.

In Barbil, World Aids Week was observed where 770 individuals were sensitized regarding the cause and prevention of HIV. In addition, 65850 persons were counselled and tested of which 19 were found to be HIV positive. In Raigarh, 12279 HIV vulnerable individuals were sensitized through 922 group sessions and 30158 condom packets were also distributed.

Of some note is the account of Kanha Chauhan (names have been changed to protect anonymity), a fourteen year old student resident in Kosamnara village, Raigarh who was found to be HIV positive. His father, Ajit Chauhan (name changed to protect anonymity) was a truck driver who was HIV positive. The illness was not only restricted to him but he had passed it on to his wife as well. It was further discovered that Kanha had also been infected through his mother during pregnancy. Both the parents of Kanha eventually succumbed to AIDS.

Kanha was identified as a case affected with HIV on 26 Dec 2014, during one of the camps conducted by corporate social responsibility team. Keeping the priority to save life ahead he was immediately taken to ICTC where he was tested positive for HIV. He was taken to Chhattisgarh Institute of Medical Science Bilaspur (CIMS) for further management and treatment. Here he was put on anti-retroviral therapy. Presently, he is a beneficiary of regular treatment along with a monthly review at Bilaspur CIMS ART Centre with the support of JSPL and doing well.

Hygiene Awareness and Screening



Fogging and Anti-larva spray - Dengue Prevention

In Barbil- Odisha, a region prone to the dangers of malaria, JSPL carried out a number of camps promoting awareness on Malaria. Mosquito control, anti-larva and fogging programmes are carried out on monthly basis in all the 5 villages namely – Sialijoda, Kitabeda, Deojhar and Gobardhanpur benefiting 400 households.

World Hand Washing Week was observed at the peripheral schools of Deojhar, Sialijoda, Gobardhapur with a participation of 700 students. In addition, efforts were made to raise awareness of sterilization practices amongst 183 married individuals.

A Diabetic and Haemoglobin screening camp had been organized to spread awareness on the lifestyle disorders and ways to cope with the disease for the residents of village Jarada & Mahitala of Angul district which improved the health profile of 143 people.

Open Defecation Free Program

The Open Defecation Free Program was initiated in collaboration with the District Administration of Raigarh. A tripartite MoU has been signed between the JSPL, Knowledge Links Private Limited and Zila Panchayat, Raigarh. The activities in the MoU included triggering process, toilet construction by individual households, Open Defecation Free Declaration and the Follow-up monitoring. As a result, the following milestones were achieved:

No. of villages triggered for ODF :	88
Demonstration of Soak Pit :	13 Villages
No. of ODF Villages till date :	8

Water and Sanitation

Clean, accessible water for all is an essential need for healthy living. There is sufficient fresh water on the planet to achieve this. But due to bad economics or poor infrastructure, every year millions of people, most of them are children, die from diseases associated with inadequate water supply, sanitation and hygiene. JSPL, in its endeavour to ensure clean and safe drinking water and adequate sanitation infrastructure, has taken up a number of initiatives and measures in this regard.

Sustainable Development Goal 6

Target: By 2030, achieve universal and equitable access to safe and affordable drinking water for all



Water Van for Periphery Villages, Angul

Angul, Odisha

During the year, JSPL has installed a total of 7 bore wells with hand pumps and has repaired 20 bore wells for the provision of safe drinking water. An overhead tank was constructed for the installation of a piped drinking water system in the village of Pidhakhman. A total population of 3000 benefitted from these initiatives in the villages of Parang, Kalamachuin, Benagadia and Badamahitala.

With the depletion of the ground water table, availability of clean drinking water has become a grave concern and JSPL as a sincere corporate citizen has been addressing this by installing tube wells and overhead tanks at community schools of nearby villages.

During FY 2015-16 prior to pre monsoon, servicing and disinfection of water sources was done for 120 tube wells constructed by JSPL in Banarpal and Chendipada block.

A mobile vehicle provides safe cold drinking water to the nearby communities/ mobile population at strategic locations. At Angul, the normal temperature ranges are always above normal and so the need for cold water is almost throughout the year. It is one of the most popular programmes amongst the community and commuters who get the refreshingly safe and cold water in the scorching summer and in locations where potable drinking water is unavailable like in melas, haats etc.

Barbil, Odisha

Working towards providing safe drinking water for the community, 5 tube wells were serviced and repaired thereby benefitting a population of about 800 people in the periphery villages in the year 2015-16.

Jereldaburu (West Singhbhum), Jharkhand

JSPL, in its endeavour to promote and provide safe drinking water, installed 3 Hand pumps with deep boring along with construction of a platform each at Nuia, Thakura, and Roam villages, thereby benefitting 60 households with a population of 400.

Patratu, Jharkhand

The Company facilitated the repair of an overhead tank at Rasda village thereby benefitting 80 households through provision of clean water.

Raigarh, Chhattisgarh

A total of 7 ponds were upgraded and a user managed water ATM (pay and use) was installed at District Government Hospital, Raigarh. A water pipeline and an overhead water tank were constructed at two locations. Submersible pumps and hand pumps were also repaired and maintained at two locations in the Raigarh district.

A few highlights of Drinking Water facilities is given below:

Raigarh, Chhattisgarh

- Deepening and Upgradation of 7 ponds
- Water ATM at District Government Hospital
- Water tank construction and laying of pipeline at 2 locations
- Maintenance of submersible pumps and Hand Pumps at 2 locations

Jereldaburu, Jharkhand

- Installation of 3 Hand-pumps with construction of platform at Nuia village
- Installation of 3 Hand-pumps with construction of platform at Thakura village
- Installation of 3 Hand-pumps with construction of platform at Roam village
- 60 households with 400 population benefitted

Angul, Odisha

- Installation of 7 bore well with handpumps
- Repairing 20 bore wells
- One pipe drinking water benefitting 3000 people

Barbil, Orrisa

- 5 Tube wells repaired
- 800 people benefitted

Installation and Maintenance of Bore Wells and Hand Pumps

JSPL has provided over 250000 people with safe and clean drinking water.

School and Community Toilets

Embracing the Gandhian ideology of “Sanitation for all”, the Government of India, in its biggest and most recent cleanliness drive, launched the “Swachh Bharat Mission” to make India open defecation free by 2019 by constructing adequate toilets for all. JSPL has taken up this initiative of the Government of India in constructing toilets for communities and schools at large. The Company’s goal is to make a visible impact on the health and hygiene of children, their families and communities by improving, their health and hygiene practices as well as the supporting infrastructure.



Community Toilet, Deojhar

Sustainable Development Goal 6

Target: By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations.

Quality infrastructural facilities play a major role in improving the quality of education in schools. As a part of the larger Swachh Bharat Mission, JSPL’s major focus has been on improving the school sanitation infrastructure by providing clean toilets and sanitation facilities at schools. These are some of the different initiatives in this regard taken at all JSPL locations:

Angul, Odisha

- School toilets with water facility & drinking water supply have been provided in 3 high schools benefitting over 1000 students.

Barbil, Odisha

- Across three peripheral schools in Deojhar and Gobardhanpur, school toilets with clean water facilities were constructed, thereby improving the lifestyle and education for about 750 children.
- The Community Dispensary at Deojhar was facilitated with a large toilet for the benefit of the people of Deojhar.

Others

Emergency Ambulance Services

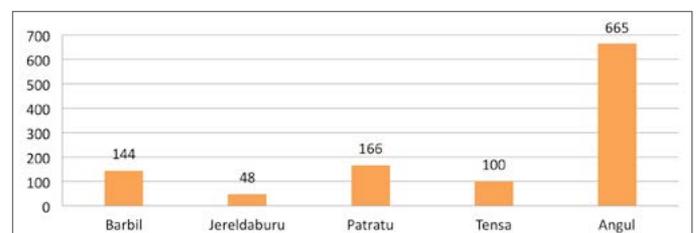
- The company has made provision of Emergency Ambulance service (24 x 7 facilities) for the people of peripheral villages across all the locations of operations. At Barbil the emergency ambulance facility has benefitted a total of 524 lives during the year 2015-16.
- Through the emergency ambulance service, immediate access to medical facilities is ensured to the villagers for accidental cases, emergency and delivery cases. In the FY 2015 – 2016 emergency ambulance services were provided to 107 cases at Patratu.

Blood Donation Camps



Blood Donation Camp, Tamnar

JSPL routinely organizes blood donation camps in collaboration with the local government administration, the Red Cross Society and community youth clubs. The following table shows the number of units of blood collected in 2015-16





Education & Skill Development





EDUCATION & SKILL DEVELOPMENT

Overview

Align to Global Goals

JSPL's activities in the education field directly address the specific targets laid out for the United Nations Sustainable Development Goal 4: Ensure inclusive and quality education for all and promote lifelong learning.

JSPL's educational initiatives are based on the precept that learning is an on-going life process, and they thus span a broad range of ages and activities—from promoting school enrolment and educational quality to providing functional literacy and vocational training to adults.

Align to National Priorities

JSPL recognizes education as one of the building blocks of the nation and thus considers it a priority area for its CSR initiatives. JSPL seeks to support and supplement state efforts to strengthen quality mass education in local government schools, through initiatives that bring local schools into alignment with the norms of India's Right to Education Act and the impetus behind the forthcoming New Education Policy to provide inclusive, quality education to develop productive, responsible, and globally aware citizens. JSPL's aim is to nurture and educate young minds so that they contribute to the nation's development.

Local Contexts

In JSPL's areas of operation which is mostly in the rural areas in India, the teaching and learning environment in vernacular schools used to have short falls like as in lower proportion of student teacher ratio and inadequate infrastructure. JSPL's initiatives in this area thus seek in part to supplement the provisions of the public system by providing trained community teachers, improving school, and supplying equipment, books, financial assistance, and nutritional support. The Company also works to expand the options available to learners of all ages and abilities through facilities to promote computer literacy, make higher education accessible to students of low-income families via scholarships, and spread functional literacy and vocational skills among vulnerable groups.



D.A.V Savitri Jindal High School, Angul

Pre-Primary Education

JSPL provides quality pre-school education along with supplementary nutrition to underprivileged and vulnerable children of tribal families, factory workers and displaced families in its rural day care facilities

Sustainable Development Goal 4

Target: By 2030, ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education.



Prarambh- Rural Play School, Angul

Angul, Odisha

In Angul district, JSPL recently supported the construction of a child-friendly Anganwadi centre at New Basudevpur, Pitabali. To ensure that mid-day meals are prepared in an environment friendly manner, JSPL has also provided smokeless cooking stoves to 10 Anganwadi centres, benefitting over 400 children through the reduction of air pollutants in the vicinity. In the kitchens of the Anganwadis, utensils have also been provided in collaboration with the ICDS.

In addition to supporting the Anganwadi facilities of the Integrated Child Development Services (ICDS), JSPL runs two preschool programs that cater to the needs of specific vulnerable communities in the district: migrant labourers and displaced families. Since its inception in 2008, Aarambh has provided preschool education and nutritional support—through mid-day meals—to over 300 children of migrant labourers in the community. Aarambh provides non-formal education to children three to six years of age, preparing them mentally and physically for formal education. This day care facility presently serves 30 children, who would otherwise be deprived of their right to education due to the migration of their parents. Also these students are mainstreamed in the government schools and JSPL run private schools.

Prarambh

Launched for the children of displaced families in 2012, has benefitted more than 100 children to date. This pre-school program provides early childhood education and eases the path into schooling by assisting with enrolment in nearby government and private schools.

Barbil, Odisha

In Barbil, four Balwadi centres currently serve 97 children, zero to five years of age. JSPL works in concert with ICDS to ensure the provision of pre-primary teachers and nutritional support to these children.

Tamnar, Chhattisgarh

Responding to the community's increasing demand for preschools that would prepare children to pursue English-medium education, JPL initiated Little Angels in Tamnar in 2013. These day care centres provide pre-primary education in English for children of low-income and tribal families. JPL has opened three Little Angels centres, in Dolesara, Kasdol and Saliyabhanta villages, in which a total of 110 children are currently enrolled. Two more centres will be opened as of December 2016. In the 2015-16, 38 students of Little Angels were successfully admitted to English-medium primary schools, expanding their educational opportunities.

In the village of Kachkoba, JPL's Balwadi centre offers pre-primary classes and a mid-day meal programme to the children of the Birhor tribal community. Construction of a boundary wall and toilet has been completed during 2015-16 to ensure safety and sanitation at the centre.

In addition to preparing students to enter the mainstream school system, JPL's preschools in Tamnar serve as centres of community activities.

Jereldaburu (West Singhbhum), Jharkhand

JSPL operates three rural play schools at Nuia, Thakura, and Gangda villages in the West Singhbhum district of Jharkhand. These play schools serve 103 children aged three to five years, primarily of very low-income families within these tribal communities. The mid-day meal menu that is followed has been developed based on nutritional requirements to support, along with regular health check-ups, the nutritional and health status of the children. These facilities also prepare children for their entry into the formal schooling system, reducing the likelihood that these students will drop out.

The level of community involvement in these play schools is high. Parents, community members, and other stakeholders engage in regular, participatory monitoring of the quality and quantity of food provided at the mid-day meal, which is cooked in fully-equipped kitchens. Other activities that increase community involvement in the play schools include birthday celebrations for the children, an annual picnic, and Children's Day and Teacher's Day festivities. Parents are also invited to meetings with the teacher for individual child progress reviews and recognition.

These play schools have effectively promoted the entry of tribal children into the formal primary education system. In 2015-16, 37 children from these centres enrolled in Class I in nearby government schools. In order to ensure a smooth transition and successful continuation, JSPL is tracking the progress of these children through the regular feedback from school principals and meetings with the students' parents.

This follow-up also facilitates the assessment of the impact of the play school programme and the ways in which this intervention might be enhanced.

Patratu, Jharkhand

In Patratu, JSPL not only supports the existing pre-primary services offered through ICDS but also supplements them with its own Balwadi centre. JSPL surveyed 14 Anganwadi centres in Patratu and selected four of them for supplementing the government efforts with appropriate infrastructure and operational support.

The Balwadi, located in Daridih village, currently serves 20 children of the Birhor primitive tribal community, promoting their intellectual and social development out of which two girls from the Balwadi have successfully enrolled in Kasturba Gandhi School, Barkakana for their primary education.



O.P. Jindal School, Raigarh

Primary and Secondary Education**Supporting Government Schools: Community Teachers Programme**

In many of the villages that are located near JSPL's areas of operation, government primary and secondary schools have a Pupil Teacher Ratio (PTR) which required improvement to match with the stipulation in the Right To Education Act, RTE (30:1). In order to bridge this gap and strengthen classroom processes, JSPL has triggered a volunteering process to engage the selected and unemployed graduates having right aptitude from the community to teach in the schools and thus supplement the existing school staff. These teachers are selected through a merit-based process which includes inviting applications, scrutinizing them, and conducting discussion sessions in coordination with the District Education Office. JSPL works in partnership with the District Education Offices, which place the community teachers in the schools where they are most needed.

Sustainable Development Goal 4

Target: By 2030, ensure that all girls and boys in the eligible age group complete free, equitable and quality primary and secondary education leading to relevant and Goal-4 effective learning outcomes.

	Schools Covered	Program Outcomes
Angul	47	<ul style="list-style-type: none"> 90 additional teachers provided PTR improved from 72:1 (2010) to 31:1 (2015-16)
Barbil	9	<ul style="list-style-type: none"> 29 social teachers trained at Dhabaleshwar High School in convergence with the Block Education Department 19 additional teachers provided in peripheral schools 1426 students benefitted from improved PTRs Class X pass rate of 86.5% achieved at Dhabaleshwar High School
Tensa	13	<ul style="list-style-type: none"> 24 additional teachers provided 1500 students benefitted from improved PTRs
Raigarh	23	<ul style="list-style-type: none"> 51 additional teachers provided PTR improved from 31:1 to 26:1
Tamnar	52	<ul style="list-style-type: none"> 71 subject specialist teachers appointed in Dharmajaigarh block 10,000 students benefitted from improved PTRs
Patratu	2	<ul style="list-style-type: none"> 2 additional teachers provided
Jereldaburu	3	<ul style="list-style-type: none"> 6 additional teachers provided PTR improved from 84:1 to 49:1 500 students benefitted from improved PTRs

In Barbil, additional teaching support to over 600 students was provided to Barbil College.

The benefits that accrue from improved pupil-teacher ratios reduce drop-out rates and improve service delivery and academic results in the beneficiary schools.



O.P. Jindal School, Barbil

Supporting Government Schools: Infrastructure and Amenities

A baseline requirement for establishing effective teaching-learning environments is the requisite classroom and school infrastructure. India's Right to Education Act recognizes this necessity and outlines certain basic facilities with which all schools should be equipped, including toilets, a boundary wall, and sufficient classrooms to accommodate the student body. JSPL assists government schools in its areas of operation with not only meeting these requirements but also with enhancing such facilities by the provision of additional amenities and teaching-learning materials.

Sustainable Development Goal 4

Target: Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, nonviolent, inclusive and effective learning environments for all

	Infrastructure Improvements during year 2015-16
Angul	<ul style="list-style-type: none"> 5400 square foot building constructed to accommodate 60 children in Adrut Children's Home School toilets with water connections and drinking water provided in three high schools, benefitting 1000 students
Barbil	<ul style="list-style-type: none"> Additional classroom constructed to provide improved seating arrangements at Deojhar High School
Tensa	<ul style="list-style-type: none"> 3 numbers of girls' toilets were constructed to improve grown up girls attendance at Koida College 1,000 adolescent female students benefitted
Raigarh	<ul style="list-style-type: none"> Financial support provided for annual maintenance of Jindal Gramya Bharti Higher Secondary School, Kirodimal Nagar 60 sets of desk benches, 46 chairs, 10 tables, three almirahs, and one book shelf provided to government schools at Kirodimal Nagar, Kosampali, Kosamnara, Gejamuda, Kerajhar and Barmuda 40 sets of desk benches and six chairs provided to the government school in Punjipathra
Tamnar	<ul style="list-style-type: none"> Painting and renovation of Government High School, Libra and Government Primary School, Tehlirampur

Supporting Vernacular Medium / Government Schools: Educational Quality Enhancements

In addition to assisting with the provision of the basic facilities needed for schools to function, JSPL works to improve students' learning outcomes through a range of counselling, coaching, and extracurricular programs. Through these supplementary activities, outside the normal school curriculum, JSPL seeks to increase students' and families' commitment to schooling and assist children in progressing to higher levels of education and professional success.

During the year in its operational areas, JSPL supported students through additional coaching and counselling sessions in skill areas such as English and computers.

This year, 85 students in Barbil schools benefitted from counselling sessions and the provision of additional teaching-learning materials. In Punjipathra and Tumidih (Raigarh District), 40 students and 60 students, respectively, received English coaching classes. In Guasai village near Jereldaburu, JSPL conducted coaching classes and provided learning aids so that high-performing students from poor backgrounds could succeed in their Class X examinations. These students received coaching in Mathematics, Science and English, as per the Jharkhand Academic Council model resulting in higher pass out rates with better grades. At Patratu, Jharkhand, 131 students benefitted from career coaching classes in 2015-16. Of these, two have already received job placements in Indian Railways and Central Coalfields Limited.



Community Teachers at Vernacular Medium Schools

To engage and motivate students about their education, JSPL actively recognizes and felicitates strong performers in schools. In Tensa, JSPL organized regular academic competitions based upon additional curriculum material, felicitating the winners. In addition, the top three performers in each, from Class I through Class X, received recognition for their good performance. Programs in Tamnar and Patratu are tailored to the requirements of local organizations and government initiatives in these areas.

Tamnar, Chhattisgarh

This year under its CSR, JPL initiated a program called Parivartan to enhance the skills of female students at the government-run Girls Orphanage Home of Raigarh District (Chakra Dhār Bal Sadan). Through this program JPL runs Spoken English, computers, singing and dancing classes for 38 parentless girls; all of the participants completed the courses successfully are now enrolled in the next level. The dancing skills that the students learned enabled eight of them to participate in the state-level Kathak Nirtaya dance competition, securing 2nd place. Additionally, the computer and English classes enabled eight girls to gain successful entry into a lab technician training program at the Government Medical College, Raigarh.

Patratu, Jharkhand

To support the Jharkhand government campaign Vidyalyal Chale Abhiyaan, JSPL's **Community Education Program** assisted schools in forming Bal Sansads—so that students can participate in the management and improvement of the school—and student clubs like the Readers Club, Eco Club, Art Club and Sports Club. To engage students in extracurricular activities along with their daily school routine, JSPL organised thematic monthly events through these student clubs in 18 government schools in the operational area. A total of 2500 students benefitted from these programs.

Educational Awareness and Support for Disadvantaged Groups

Many of the communities where JSPL operates have significant tribal, migrant, and other vulnerable population. JSPL's educational programs are tailored to provide support specifically to these groups according to local need. The models of intervention may be through non-formal education centres—such as the two that JSPL operates for 40 students in Jereldaburu—or through facilitating access to and quality of mainstream educational opportunities for these groups.

In addition to this the ASHA centre also acts as a vocational and rehabilitation centre in Patrapali village at Raigarh- Chhattisgarh, which seeks to empower those with disabilities. The Centre provides rehabilitation services, ranging from physiotherapy for improved mobility to special education and skill training, to children with disabilities, identified through screening camps held in the villages near JSPL's operations in the district. Since the centre opened in August 2009, around 2200 differently abled children have received support for cognitive, social and psychological development, opportunities for skill development, and special education for those with speech and hearing impairments. Of these, 98 children received these services for the first time in 2015-16, and an additional 404 received follow-up services. Since 2015, JSPL's community-based rehabilitation services have also supported 317 persons with disabilities.

Sustainable Development Goal 4

Target: By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations.

Angul, Odisha

In partnership with the NGO John Augustus Prison and Social Welfare Services, JSPL has been providing learning materials to the children of destitute jail inmates in 55 of Odisha's prisons since 2008. In 2015-16, 1965 students received educational materials through this initiative. The cumulative assistance through this has ensured 11000 students as beneficiaries.

Barbil, Odisha

In Barbil, JSPL has been providing nutritional support to Adivasi Vikas Samity, a tribal school for children at Serenda, Barbil. This project has been benefitting 1000 students round the year. Starting in 2015, JSPL also undertook an educational awareness campaign covering 750 families and 1400 students across seven villages to increase enrolment, decrease dropout rates, and readmit those who had left school. As a result of this campaign, 87 dropouts were readmitted to schools (see **In Focus: Project Shiksha** below).

In Focus: Project Shiksha

Background: The majority (65%) of the population of Deojhar Gram Panchayat in Joda Block of Barbil District is comprised of tribal communities who reside in the forests and foothills. Traditionally, the population of the area relied upon agriculture, but for the past several decades, members of these communities have also worked as mining labourers. Across Deojhar Gram Panchayat, the illiteracy rate stands at 55%, and only 27% of the population has completed primary level education.

Need Assessment: JSPL conducted a baseline study of educational engagement and awareness in 2014. This study found that the dropout rates were 13%, 10%, and 20% at the primary, upper primary and high school levels, respectively. The study indicated that the most important reasons for students to discontinue their education were the low value accorded to schooling by parents and community leaders and, especially at high school and college levels, the inability to afford tuition facilities.

Program Objectives: After the needs assessment on the status of education at Deojhar Gram Panchayat, the CSR team of JSPL, Barbil developed Project Shiksha to enable the community members avail the government's educational facilities and services. The project had the following objectives: (1) to bring about positive change and awareness across the community regarding the benefits of education, (2) to ensure enrolment in primary-level education and reduce dropout rates, (3) to identify school drop-out students and counsel them for re-admission in schools and tribal hostels, (4) to increase and retain the school attendance rates, (5) to promote gender equality by motivating and prioritizing girls' education.

Implementation: In order to implement Project Shiksha, JSPL enlisted the support of community leaders and volunteers to inform and motivate parents. JSPL conducted activities in the schools and the community to enhance teacher, student and parent relationships. These included parent-teacher meetings at the Deojhar nodal and upper primary schools, which 110 people attended. Thus Project Shiksha engaged and involved students from the community as education champions to lead activities and motivate dropouts to return to school. JSPL also facilitated the formation of a Village Education Committee (VEC) to monitor and supervise the parents of neglected students. Students from weaker financial backgrounds also received basic learning materials to encourage their continuity in school.

This project was undertaken in the seven primary schools and one high school of Deojhar Gram Panchayat: Sialijoda Primary School, Deojhar UG UP School, Gobardhanpur Primary School, Kuldum Primary School, Mahadevnasa UG UP School, Murga Upper Primary School, Thakurani Nodal Primary school, and Dhableswar High School.

Key Interventions: In each hamlet, JSPL conducted monthly meetings with parents and students across seven villages. Teachers, community leaders, volunteers counselled and motivated irregular students to take readmission in schools. Public address system to campaign and aware the educational benefits in the communities were done. JSPL CSR assisted in regularizing and strengthening of the School Management and Development Committees as well as conducting periodic review of educational progress with teachers to update the project's strategy and action plan. Additional programs to strengthen and enrich the in-school experience included extracurricular activities with prizes and gifts to motivate students, provisioning of equipment to encourage students' participation in games and sports, and career counselling and coaching for older students.



D.A.V Savitri Jindal High School, Angul



D.A.V Savitri Jindal High School, Angul

Impact: As compared to the initial survey, school attendance had increased to 79.36% in the covered schools, and enrolment this year was up 4.5% as compared to the previous session. High school admissions and readmissions had increased 13.24%. A total of 87 dropouts were readmitted to school. Qualitative feedback collected about the impact of Project Shiksha indicated that School Management and Development Committee members felt empowered to supervise and make decisions about the affairs of the school. Both parents and students showed increased interest in education, and this in turn positively changed the attitude of teachers and school authorities toward the community.

Raigarh, Chhattisgarh

In Raigarh, JSPL supported children from SC/ST backgrounds and other disadvantaged communities by providing school fee remission at O.P. Jindal School, Kunjemura and Jindal Adarsh Gramya Bharti School, Kirodimal Nagar. These students also receive scholarships to pursue higher education. This year, 75 female and 75 male students received these scholarships, and JSPL covered the school fees, annual fees, and other charges of 111 Scheduled Tribe and Below Poverty Line students in Jindal Adarsh Gramya Bharti School, Kirodimal Nagar.

Financial Support for Students



Scholarship to Meritorious Students

To ensure that deserving student in the vicinity of the operational areas should not miss the opportunity to pursue higher education due to lack of financial means, JSPL offers merit-cum-means scholarships, the O.P. Jindal Scholarship, to high-performing rural students from weaker financial backgrounds. These scholarships are intended to motivate students from these communities to pursue further studies. In this year, over 1100 scholarships were bestowed to deserving students across all business locations in India. JSPL provides other forms of financial support to particular groups of students at certain locations, depending on local need. These scholarships have effectively boosted the confidence of talented children in JSPL's areas of operation.

Scholarship Distribution	
Angul	<ul style="list-style-type: none"> O.P. Jindal Scholarship awarded to 203 meritorious students from 60 government schools and engineering colleges 55 merit-cum-means scholarships awarded to students of O.P. Jindal School, Angul and DAV Savitri Jindal School
Barbil	<ul style="list-style-type: none"> O.P. Jindal Scholarship awarded to 25 students Support awarded to 19 students passing out of Class X
Raigarh	<ul style="list-style-type: none"> Scholarship examination held for 520 students across 33 adopted villages O.P. Jindal Scholarship awarded to 84 meritorious male students in Class VIII-XII and technical education Savitri Jindal Scholarship awarded to 114 meritorious female students in Class VIII-XII and technical education
Tamnar	<ul style="list-style-type: none"> O.P. Jindal Scholarship awarded to 48 students of O.P. Jindal School Savitri Nagar based on merit (school result) and means (parent income) Savitri Jindal Scholarship of Rs. 500 per month for the wards of widows awarded to 195 children in Chargoda and Lailunga Blocks
Patratu	<ul style="list-style-type: none"> Scholarships awarded to 404 students

O.P. Jindal School Group (OPJS)

The O.P. Jindal Schools in Chhattisgarh, Jharkhand and Odisha impart education to more than 10,000 students in each academic year. In this year, the O.P. Jindal Schools, with a dedicated team of more than 400 teachers, achieved a 100% pass out rate in all schools and sharpened students' skill with various co-curricular activities. The schools also undertake special coaching classes for grooming students to compete for the Joint Entrance Examinations for admissions in IIT and NIT. During this year, 54 students from O.P. Jindal Schools qualified for NIT or IIT. The schools maintain a pupil-teacher ratio (PTR) of around 25:1. O.P. Jindal Schools have earned the International School Award (ISA) from the British Council, the Green Campus School of the Year Award and the NCFE-NFLAT Award from NISM. O.P. Jindal Schools are located in the states of Odisha (Angul and Barbil), Chattisgarh (Raigarh, Taraimal, Tamnar, and Kunjemura) & Jharkhand (Patratu).



O.P. Jindal School, Angul

The O.P. Jindal Schools serve as model educational institutions and centres of excellence in their local areas. As such, they support capacity building programmes in other institutes to raise the education level in the surrounding area. During 2015-16, a 10-day teacher training and skill-enhancement programme was organized at OPJS, Tamnar for the teachers of O.P. Jindal Primary School, Rabo and computer teachers at nearby government schools. The O.P. Jindal Primary School, Rabo was founded in 2015-16 to provide low-cost, high-quality English-medium primary education for the community living in a remote and unreachable area around the dam 35 kilometres west of Raigarh. The school is now running with strength of 175 students from Nursery to Class III, the majority being tribal.

In addition to the provision of English medium education opportunities in its areas of operation, JSPL imparts quality vernacular education to 307 children of displaced and under privileged families through the DAV Savitri Jindal High School, Angul (see **In Focus: DAV Savitri Jindal High School** below).



D.A.V. Savitri Jindal High School, Angul

In Focus: DAV Savitri Jindal High School, Angul

Background: Earlier known as Jindal Vidyapith, the DAV Savitri Jindal High School currently serves 307 students, most originating from families displaced or otherwise affected by JSPL's projects. The majority of the students enrolled in the school belong to economically weaker sections and are first-generation learners.

Program Objectives: The purpose of founding this school was to develop a model vernacular school. This model school aimed at: augmenting the availability and quality of extracurricular activities for holistic personality development, providing need-based capacity building to enable the teaching staff to create a child-friendly learning environment, focussing on first generation learners, providing nutritional supplementation to support students' physical and psychological development, and inculcating good behaviour and hygienic practices for good health.

Implementation: For this program, JSPL has entered into a partnership with Dayanand Anglo Vedic College Management Committee (DAVCMC), whereby DAV extends its school management expertise and proven models to provide holistic, high-quality education in the vernacular medium.

Key Interventions: To foster students’ social and psychological development, behavioural skills are integrated into the teaching pattern. Both physical and psychological development are further supported by the range of extracurricular offerings, including yoga classes, kho-kho and kabbadi matches, and academic competitions at the district and state level. The school provides nutritional supplementation targeted to give children a balanced diet with high nutritive value, including essential vitamins, potassium, calcium and protein. Remedial classes are being provided for those students who are not performing well in school. Periodic parent-teacher meetings are organised based on the child tracking report (CTR) for corrective measures and subject-specific support to improve students’ examination results.

Impact: During the year 2015-16 the enrolment is 307 students from 11 villages. There is a 100% pass percentage in Class X board exams (HSCE), and the school has maintained a Pupil Teacher Ratio (PTR) of 25:1—even better than the 30:1 norm under the Right to Education Act. The school has achieved a reduction in child absenteeism due to sickness or other reasons by 70%. At parent-teacher meetings, 80% of parents have attended to discuss the evaluation of their child’s educational progress. All children enrolled in the school (from Class V till Class X) are able to speak, read and write in English, and all are using the toilet facilities for safe defecation both at school and at their residence; they have further inculcated other habits of hygiene such as washing hands before and after eating. The students have taken active part in various district- and state-level competitions, especially in kho-kho, kabbadi, debate, and essay writing. The frequency of capacity building sessions for teachers on child-friendly teaching methodology has increased three fold.

Skill Training, Vocational, and Continuing Education

Adult Literacy Programme

In Raigarh, JSPL has been conducting functional literacy classes for women through its Anjor program. The course module follows the norms of the National Literacy Mission and uses the textbooks published by the state government’s Rajya Saksharta Mission Pradhikaran. The medium of teaching is Hindi, and usually the Panchayat office, community hall, or the house of a student or facilitator is used as the venue; all of these are easily accessible by the women who participate in this program. Through six-month courses in JSPL’s five community-based functional literacy centres, 120 women have gained the basic reading and writing abilities necessary for their daily lives.

Sustainable Development Goal 4

Target: By 2030, ensure that all youth and a substantial proportion of adults, both men and women, achieve literacy and numeracy.

Technical Education

Sustainable Development Goal 4

Target: By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.

Target: By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university.

Jindal Institute of Power Technology (JIPT)

Jindal Institute of Power Technology (JIPT) is recognized by the Central Electricity Authority (CEA), Ministry of Power as a category-I Institute. The objectives of JIPT are to develop skilled manpower at a global standard by imparting competency-based training, to cater the training needs for power industry and to conduct refresher trainings for experienced personnel.



In 2015-16, 72 training programmes—a total of 148 training weeks—were conducted for 1622 participants. These included two post-graduate programmes in thermal power technology, one national seminar on best practices for power generation, transmission and distribution, and forty-one short term training programmes for personnels from the power industry . Despite the prevailing recession in the power industry, for the 2014-2015 post-graduate batch, JIPT succeeded in placing 27 of 58 eligible students through campus selection.

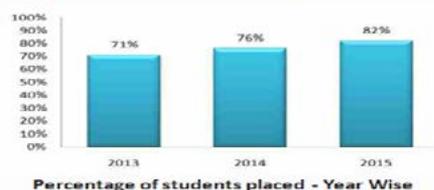
OP Jindal University – Schools of Engineering & Management

OP Jindal University (OPJU) was established in 2014 by an act of State of Chhattisgarh under the aegis of Jindal Education and Welfare Society, a philanthropic organisation, founded by Jindal Steel and Power Limited, one of the India’s most dynamic business groups. The close proximity of the Group’s operations provides the students of the Schools of Engineering and Management with unique access to real-life projects and mentorship of senior professionals. The University aims to develop young professionals and future leaders who will not only power growth and development in the state, but also make a mark globally. At the core of the university’s philosophy and approach lies the belief that students learn best when exposed to real world situations and enriching interactions with practitioners and professors. The Core of University’s teaching philosophy is experiential learning to complement the class room learning. To facilitate this, the University has set up excellent teaching labs (50 labs) and research labs (4 labs). OPJU has forged global partnerships with Colorado School of Mining, USA, Changwon National University, South Korea and University of Texas, Dallas, USA.

Faculties at OPJU:

- School of Engineering (SOE) : 1116 Students
- School of Management(SOM): 85 Students

Placement Data 2013, 2014, 2015



Flagship Project: O.P. Jindal Community Colleges (OPJCC)

Background: High rates of student attrition, unemployment, and underemployment in rural India demand a system of community colleges that serve disadvantaged groups. The O.P. Jindal Community Colleges (OPJCC) first set up as OPJITS in the year 2007, supports the “Skill India” mission of the government by providing opportunities for technical training leading to employment.



Hon'ble PM Shri Narendra Modi felicitating Aparajita Trainee-Sushila Behra

Program Objectives: The objective of OPJCC program is to help the youth develop vocational skills as a way to achieve rural sustainability and educational, social, and economic mobility. OPJCC has three overarching principles that shape its technical and vocational education and training services:

- **Learn-by-Doing:** The colleges promote hands-on, practical skill-building under attentive supervision from instructors to develop the requisite proficiencies, knowledge, and confidence to become gainfully employed or become employment-creators.
- **Global Quality Training:** All learners, irrespective of their social, economic, or educational background, receive relevant, holistic education and training aligned with the national occupational standards of the NSDC Sector Skill Council.
- **Expanding Opportunities:** The colleges nurture people's potential in order to improve quality of life and contribute to nation-building.

Implementation: So far, JSPL has established five community colleges, located in Punjipathra, Chhattisgarh; Godda and Uchringa, Jharkhand; and Angul and Barbil, Odisha. These community colleges have been accepting learners aged 18-45 and follow the principles of inclusive

education. During FY 2015-16, over 24000 students received skills training in government-approved short-term courses as well as on-job-training, skills gap training, and NCVT ITI certificate programs. As a government-recognised Vocational Training Provider (VTP), OPJCC facilitates training for trades like construction, plumbing, mechanical, welding and fabrication, hospitality, and electrical. These courses range from 3 to 24 months in duration based on the National Skills Qualification Framework (NSQF) level.economic, or educational background, receive relevant, holistic education and training aligned with the national occupational standards of the NSDC Sector Skill Council.

Impact: In 2015-16, 8616 new students were enrolled and trained. In addition to these, 824 industrial workers were trained and up-skilled, and 754 industrial workers were assessed. The community colleges provided training to 699 rural girls and women and to 96 men from left-wing extremist districts in Chhattisgarh. OPJCC also provided on-the-job training to 11574 learners and enabled 223 construction workers to get certifications. Of the community college students without prior work experience, 2036 were placed in jobs. At OPJCC Uchringa and OPJCC Angul, 70% and 80% of NCVT students were placed in jobs / apprenticeships. OPJCC posted the highest pass percentage rate in the nation for PMKVY I pilot construction trades (CSDCI 80%).

Partnerships and Recognition: 2015-16 saw OPJCC receive topper ratings among the five best national training partners of the Construction Skill Development Council of India, a testament to providing consistent global quality instruction. It was the first training provider to conduct successfully a pilot training of rural masons in early 2016 under Pradhan Mantri Awas Yojana (PMAY), the Ministry of Rural Development's flagship “Houses for All” scheme. OPJCC is also an official site for government-certified Training-of-Trainers and Assessors for Pradhan Mantri Kaushal Vikas Yojana (PMKVY I/II) and the Ministry of Skills Development and Entrepreneurship's Recognition of Prior Learning (RPL) for construction workers. OPJCC was selected to conduct the Ministry of Rural Development Rural Mason Training pilot: upskilling and training 100 masons in 45 days while completing 10 homes in Ramgarh District, Jharkhand. It was also a core group collaborator working on the National Rural Mason Qualification Pack for NSDC, and training materials for ILO/UNDP/MoRD.

OPJCC received the ASSOCHAM India 2015 Skilling India Award for Best Institute Women Skill Development and the IndiaCSR 2015 Community Initiative Award for Best CSR Project on Skilling Rural Women for Sustainable Livelihoods.

OPJCC Location and Trade Details (2015-16)

Activities By Location	Freshers Trained	Freshers Enrolled Now	Freshers Placed	JSPL Workes Multi-skilled	JSPL Workers Assessed	Women Trained	On-Job-Training	RPL	TOT	TOTALS
Angul	725	128	501	414	374	105	-	112	-	2,359
Barbil	1,195	1142	468	-	-	130	20	-	-	2,955
Godda	272	63	133	-	-	-	-	-	-	468
Uchringa	386	311	115	-	-	26	-	86	-	924
Punjipathra	2,234	2160	574	410	380	438	11554	25	209	17,984
TOTALS	4812	3804	1791	824	754	699	11574	223	209	24,690

-OJT is a government approved training modality for reinforcing skills and upgrading workforce.

Skill Development is the bedrock of empowerment of Indian youth across India, for we believe if the unemployed youth of the country are skilled – they can contribute immensely to the economic progress of the nation. With a view to augment the employability of the rural youth through induction of industry appropriate skill, OP Jindal Community College in Chhattisgarh, Jharkhand and Odisha, impart certified skills towards gainful employment and livelihood security.

The OPJCC's provide vocational training in the domains of industrial services, construction, mechanical, electrical, welding, computer literacy, masonry and other vocational traits which are aligned to market demand in the respective regions. There is specialized training imparted for girls in masonry, physiotherapy and house-keeping skill sets. Additionally, OPJCC also offers training, by adopting a decentralized approach in villages in the hinterland extending the impact & outreach of the college through structured satellite programs in a collaborative mode.

Over the years, these Institutes have skilled over 200,000 youth and added them to the National Skill Pool of the country.

College Profiles

OPJCC Punjipathra, Chhattisgarh

Punjipathra is the lead OPJCC campus and has stellar construction training facilities for NSQF levels 1-6 (beginners to civil supervisors). This year marked the completion of a G+3 building that serves as the college's new hostel and classroom block. The construction of this building, completed by students of the college, is a national model of on-job-training facility and exemplar of co-creation by the semi-skilled and skilled artisans and technicians. The programs include welding, bar bending, masonry, plumbing, and formwork carpentry, with a thrust to multi-skill students to maximize their employment opportunities in the job market. This facility is emerging as a Centre of Excellence in construction skill development in the Country.

Other programs within OPJCC Punjipathra include the Utthaan programme and Raigarh Livelihood College (RLC). The highly decorated Utthaan program under the aegis of Jindal Power Ltd., a partnership project between OPJCC and JIPT, imparts training in welding and steel fabrication to the disadvantaged local youth.

The Raigarh Livelihood College (RLC), set up in collaboration with the Raigarh District Administration for vocational training, was inaugurated by the state's Chief Minister as a way to address the recent increase in trafficking in women and girls in the state. RLC offers training for vulnerable, predominantly tribal women in hospitality, plumbing, and retail trades. One RLC student in particular who is physically challenged is earning a beyond-subsistence living as a receptionist at the Raigarh bus station. The domestic workers course at RLC, developed in collaboration with the International Labour Organisation, has a 100% job placement rate. The staff also continued offering village-based courses such as a UNICEF ODF (Open Defecation Free) training programme and convened the Swachh Barat initiative in three Raigarh villages. In total, the college trained 17,984 persons in 2015-16.

OPJCC Angul, Odisha

The OPJCC at Angul, conducts vocational training in a centrally located government facility under an agreement between JSPL and the state. In the reporting period, the college significantly diversified its programs towards making them more aligned to market demand.

The college trained 2359 persons in 2015-16, with a focus on four training modules

- One- and two-year NCVT programs in Welding (Gas & Electrical), Plumbing, COPA, Fitter, Electrical, and Air Conditioning Repair with a total of 97 students who received NCVT certificates, 80% of whom were placed in jobs
- Short-term vocational courses under OPJCC certification and PMKVY I
- Refresher courses for the JSPL Angul Structural Steel Division for welding, carpentry, fitter, and electrical contract workers, totaling 374 persons.

- Building and Other Construction Workers (BOCW) training wherein 112 people from Kalahandi District obtained RPL masonry certificates. Further 1061 BOCW uncertified persons from different districts were registered for upcoming trainings.

Angul students participated in a district wide competition held at ITI Talcher. Three trainees from electrician, fitter, and welder trades secured second position.

OPJCC Barbil, Odisha

OPJCC Barbil is located on government property along with ITI Barbil, one of Odisha's model Industrial Technical Institutes managed by JSPL Barbil. Owing to the College's impeccable track record on training and placement, the combined campus is a go-to location for state dignitaries.

- OPJCC Barbil teachers conduct both skill development classes as well as ITI programs, demonstrating their expertise and versatility. In addition to the ITI courses that include mining and heavy vehicle repair and maintenance, OPJCC Barbil had a robust enrolment of skill development learners in welding, electrical, digital literacy, fitting, turner, motor vehicle mechanic, and auto electrician courses, totaling 1516 learners.

- The college's exceptional 96% pass rate in PMKVY I programs resulted in its selection as one of only 10 training locations in the nation to participate in the PMKVY II pilot in construction trades.

- A total 2955 persons were trained in 2015-16.
- Furthermore, Jazeera Emirates Power, Dubai and Abu Dhabi, selected 10 students during a campus interview to receive positions with a consolidated salary of Rs.15,000 to 20,000/- per month with free accommodation.

OPJCC Uchringa, Jharkhand

For OPJCC Uchringa, 2015-16 was a year of transition year. The facility initially located in Patratu, moved to the expansive new facility in Uchringa, Jharkhand. The facility was inaugurated by Shri Naveen Jindal and Smt. Shallu Jindal; President JSPL Foundation.

- The college was ramped up to undergo NCVT accreditation.

- Despite many challenges, QCI approval was awarded for the continuation of welder (SMAW/GMAW), fitter and electrical trades.

- Uchringa students are highly sought after by the likes of Samsung, Tata Motors and other multinationals because of their technical competence and skill sets.

- A total of 150 students completed NCVT programs this year; the intake will double in the next session.
- OPJCC Uchringa also participated in PMKVY I, through which over 283 students received government skills certificates.
- OPJCC Uchringa has a new but promising fabrication cell that provides opportunities for students to learn and earn. The District Collector also patronizes the students.
- This campus trained 924 persons in 2015-16.



COMMUNITY INFRASTRUCTURE & DEVELOPMENT

AND OTHER SUSTAINABLE COMMUNITY DEVELOPMENT PROJECTS

Overview

Global Goals

Infrastructure is the key enabling conditions in improving the quality of life of the communities. It not only helps in contributing to better living conditions but also accelerates faster movement of goods and services resulting in economic growth.

National Priorities

Even as India emerges as a strong economic force in the sub-continent as well as the world, it is all the more crucial to narrow down the rural-urban divide across the country. To facilitate this, JSPL works closely with the community and the government to build synergetic partnerships that go beyond just building the basic rural infrastructure, and also equipping the rural areas with reasonable urban facilities. Till date, over **200 Kms** of roads have been built to facilitate city-village connectivity.

Local Contexts

Being a key catalyst of social progress and sustainable development, developing sustainable rural infrastructure is a cornerstone of our CSR work. Creating the necessary supportive infrastructure, for sustainable healthcare, education and livelihood development is the primary motive of JSPL. The primary areas of intervention in this context include:

A. NEED BASED COMMUNITY INFRASTRUCTURE:

1. Construction, Development and Renovation of Community Buildings.
2. Sustainable Agricultural Infrastructure for managing Natural Resources.
3. Infrastructure for support of Artisans and Local Microenterprises

JSPL has contributed significantly towards the forward and backward linkages of villages in the areas of operation by building all weather roads. Several peripheral schools have been renovated or upgraded with the construction of boundary walls, additional classrooms, buildings, toilets etc. Several other activities have been carried out on the existing water bodies in order to create the requisite sustainable water infrastructure for the people living nearby.

Roads, Boundary Walls and Community Buildings

JSPL believes that improvement in communication through building of roads and community buildings help in developing and strengthening the enabling factors for improving the quality of life of the communities. The need based infrastructure support has been provided to the community in a partnership mode including high elements of community ownerships in process / outcome.



State-of-the-Art roads, built by JSPL

Sustainable Development Goal 9

Target: Develop quality, reliable, sustainable and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all.

Angul, Odisha

- Recognising that community buildings are an essential part of economic and cultural activities in villages, during 2015-16 a total of 10 community buildings were constructed thereby benefitting 132,000 people of the villages of Angul, Paripara, Sadanandpur, Ballichandrapur, Samal, Badamahitala and Tukuda.
- All-weather road of length 1082 metres was constructed helping over 5000 people from villages of Pitabali, Sadanandpur, Jarada and Jarasingha in their daily commute and connectivity.
- Renovation of 6 community buildings and providing all amenities in the villages of Parang, Kalamchuin, Badamahitala, Benagadia, Pidhakhman and Angul. These Community buildings are now being used by more than 5000 local people.



Construction of CC road at Muralipali, Raigarh

Barbil, Odisha

- The JSPL CSR arm carried out the renovation of check dam and the irrigation canal at Sialijoda and Kitabeda village to the benefit of 200 marginal farmers.
- On another front, a new Tribal Hostel (G+2) for students from the tribal community was constructed at the Deojhar Nodal School, with a capacity of 50 students.

Patratu, Jharkhand

JSPL has taken a number of steps in improving the rural infrastructure in partnership with the local community, the local self-government and the District Administration.

- Construction of 300 meter PCC Road at Gegda village, thereby benefitting a total of 140 households.
- Construction of 70 metres of PCC road at Mahudar, Bakludra thereby helping a total of 15 households.
- Construction of 130 metres off PCC road at village Labga which will improve the daily commute for 50 households.
- Construction of PCC road at village Rasda of length 120 metres was completed which will now help 16 households connect with the main roads of the states.
- In accordance with the JSPL's resolve to promote energy sustainability, 15 Bio-Gas units were constructed with a beneficiary contribution of Rs. 10,500 each. All the constructed units have been handed over along with the compost pit.

Raigarh, Chhattisgarh

Based on the need, collaboration and community partnership, the following need based important developmental activities has been carried out in the villages of Raigarh. This has benefited over 3000 people

1. Construction of CC Road - 1120 m road was constructed, details is as below:
 - 220 m CC road constructed in Balpur Village
 - 300 m CC road constructed in Muralipali Village
 - 600 m approach road to Muktidham constructed in Kirodimal Nagar
2. 420 m boundary wall constructed road, details is as below:
 - 300 m boundary wall constructed in Govt. primary and Middle School Chiraipani
 - 120 m boundary wall constructed in Govt. Primary and Middle School Uchbhitti

3. Construction of cultural stage/cremation shed
 - 500 Sq. ft Cultural Stage constructed in Chiraipani village
 - Gadhayin Devi a place of community worship constructed in Bunga Village.

Tamnar, Chhattisgarh

- Construction of 850 m BT Road
- Construction of 2763 m RCC road
- Construction of 950 m Moorum road



Boundary wall construction in Devsthal, Khairpur

Other Projects:

J&K Houses for rehabilitation of flood affected families in J& K

20 houses were constructed for the flood affected families of Bandipora District, J&K.



Construction of houses at J & K for flood affected people

Sustainable Agriculture for managing Natural Resources

Watershed program at Angul

JSPL works with the approach of creating synergetic partnerships between itself, the people and the government by using Triple Bottom Line as an approach for achieving sustainable development in the region. In line with this unique approach to its CSR activities, JSPL has supported two Micro-Watershed Management Projects, - "The Jay Kissan and Kalapata Watersheds", located in the Banarpal block of Angul district in Odisha. A progressive partnership with NABARD (National Bank for Agriculture and Rural Development) the apex bank for rural development was formed and the results were quite satisfactory for all stakeholders involved.

The onus of implementing the participatory approach to the project was on the Village Watershed Committees which worked under the guidance of the project facilitating agency, the Maulana Azad Samajik Evam Shaikshnik Parishad (MASSP).

The key interventions in the project were to minimise soil erosion through creation of physical earth structures like Water Absorption Trenches, Earthen Gully, Stone Gully, Continuous Contour Trenches and Staggered Contour Trenches to obstruct and retard the flow of running water along the slope and thereby getting time to recharge the ground water table.



Infrastructure for Watershed Development, Angul

The project was conceptualised and approved in 2011, has now been completed. Covering 5 villages, Tubey, Maratira, Kulei, Derjang and Madhiamunda, the Participatory Watershed Development project has proven to be a case of exemplary partnership between JSPL, the people and the government using the Triple Bottom Line approach. Covering a geographical area of 1377 Ha, the programme has till now, benefitted 1782 households who worked on an integrated programme on soil, water and biomass conservation, ground water recharge and enhancing agricultural production and productivity on a sustainable basis.

Major impacts of the project:

Sl. No.	Parameters/indicators	Kalapata WS	Jaikishan WS
1	Increase in Cultivable land	234 ha	182 ha
2	Fallow land to cultivable land	80 ha	63 ha
3	Increase in cropping intensity	75%	78%
4	Increase in horticulture area	84 ha	20 ha
5	Increase in crop productivity	90%	80%
6	Increase in Water table	1.21 m	1.6 m
7	Increase in irrigated area	234 ha	435 ha
8	Mandays generated	42451	28293

Impact of watershed programme in terms of sustainable agriculture:

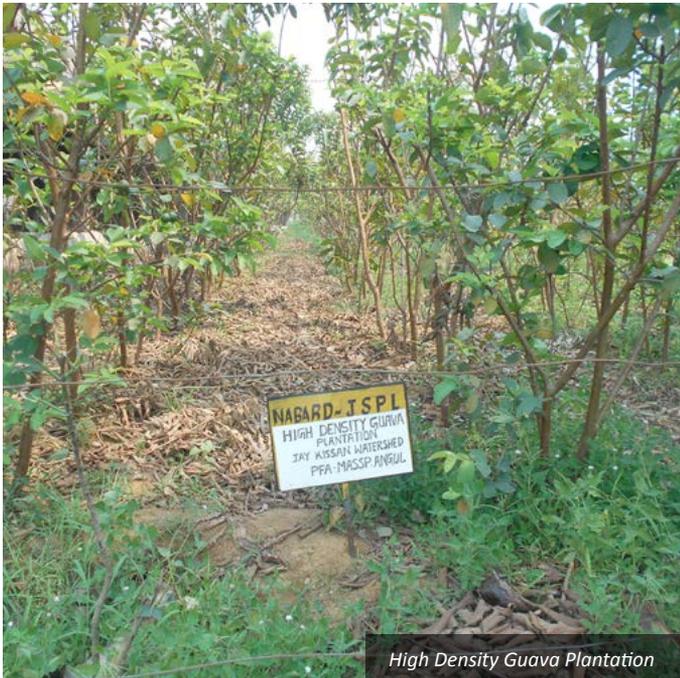
- Biomass conservation has been brought about through plantation of 35000 saplings of Teak, Mango, Bamboo, Guava and Lemon with an average survival rate of 85 %.
- System of Rice Intensification has been introduced in **104.64 Ha** of land resulting an increase in yield by **2.5 times** of the original yield through traditional practices. New farming technique such as trellis farming (two-tier veg. cultivation) has been introduced and shade-net houses have installed for nursery raising and exotic vegetables cultivation.
- Milk collection has increased through formation of dairy cluster and monthly **6000 litres** of milk is being sold in the local market and JSPL Township with average monthly income of **Rs. 4500** per farmer family
- Pisciculture is being promoted in 20 water harvesting structures and 60 fishermen have been provided with fish-nets for pursuing pisciculture as a livelihood initiative.
- Around **28960** mandays of wage labor have been created thus minimizing down the level of outward migration of landless laborers and marginal farmers.
- **500 women** are involved in various micro-enterprises e.g. mushroom cultivation, vegetables cultivation, and nursery raising and shadenet house cultivation. The farm produces are linked to the local markets and grameen melas thus providing an average income as high as **Rs 15000** per SHG pm and **30%** increase in savings.



Construction of Stone Gully for Watershed Programme, Angul

Environment/Society/Economy impacts of watershed programme:

- 144 acres of uncultivable Fallow land has been converted to cultivable land and on horticulture permanently thus increasing agricultural production and productivity through horizontal and vertical expansion in net cropped area and contributing to intermittent cash flow from intercrops to 197 families holding this portion of the land against zero income from this land a year before .
- Canopy coverage has improved to 34% compared to 18% previously.
- Escalation in the groundwater table has been brought through area and drainage line treatment and creation of physical structures. More than 35000 saplings have been planted thus reducing soil erosion through canopy coverage.
- The VWC has been strengthened with greater decision making powers and comprises of 40% women members thus reducing gender inequity in decision regarding the Common Property Resources.
- Cultivation of major food crops has increased by an average of 50 % thus reducing hunger and malnourishment.
- Promotion of microenterprises with bank credit and market linkages has provided sustainable livelihood options to SHGs, marginal farmers and landless laborers.
- Indigenous practices to fishing has been established terminating invasive practices like chocolate bombs etc.



High Density Guava Plantation

Installation of Lift Irrigation System

JSPL has contributed to the suitable and proper distribution of water to the farmers through Lift irrigation system installed at Derjang (Odisha) that provides irrigation to about 100 acres of land. This method is instrumental in increasing food production as water is available whenever it is required thereby leading to rise in income level of the farmers. It also prepares farming community to face drought (if ever), which can happen due to climate change.

Sustainable Development Goal 13

Target: Promote mechanisms for raising capacity for effective climate change-related planning and management including focusing on women, youth and local and marginalized communities.

Renovation of Check Dam and Irrigation Canal

JSPL has focussed on renovation of check dam and irrigation canal at Sialijoda and Kitabeda village of Barbil to benefit 200 marginal farmers. As it will recharge ground water reserves, increase the availability of water for agricultural purposes.

Sustainable Development Goal 6

Target: By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes.

Target: Support and strengthen the participation of local communities in improving water and sanitation management.

Irrigation through dug wells and Water Harvesting Structures

JSPL has provided irrigation through Dug well and Water harvesting structure at Tubey, Maratira, Kulei and Madhiamunda in Odisha. It focusses on water-use efficiency and sustainable withdrawals to reduce water scarcity.

Sustainable Development Goal 6

Target: By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity.



Dug Well- for Irrigation and Water Harvesting

Infrastructure for support of Artisans and Local Micro-enterprises:

A large part of the Indian population is young and it is important to channelize this raw energy into the positive pursuits for the overall development and well-being of the community at large. To achieve this, JSPL collaborates with different village level youth clubs, to improve the community and sports infrastructure.

Improving the local Sports Infrastructure goes a long way in improving the lifestyle of the youth and children. With this in mind, the Zila Kala Kendra at Angul was renovated with all amenities and facilities in collaboration with Member of Parliament Local Area Development(MPLAD).

At Raigarh, Construction of Cultural stage at Kamla Nehru Park was done benefitting over 3000 people.

Refurbishment and Construction of Sports Stadium at Tamnar was carried out for facilitating sport activities.



Construction of Cultural Stage at Kamala Nehru Park, Raigarh

B. OTHER SUSTAINABLE COMMUNITY DEVELOPMENT PROJECTS

1. Construction, Development and Renovation of Community Facilitating Sustainable Livelihood Projects
2. Livestock Development
3. Youth, cultural, sport development
4. Training and Capacity Building of Farm/ Non-Farm/ Off Farm Sectors

Livestock is an integral part of the rural development process. JSPL is working on promoting livestock and working for the development of the same in its operating areas to improve the sustainable supplementary income of the farmers and thereby insulating them from the unpredictability of the monsoon.

Creating sustainable livelihood through Micro enterprises

For enabling and empowering the local community, mainly the women members' conscious strategy has been drawn by the JSPL under its CSR program to build their capacity for running micro enterprises and income generating activities for a sustainable livelihood.

Sustainable Development Goals

SDG 8: Decent Work and Economic Growth

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.

SDG 9: Industry, Innovation and Infrastructure

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.

SDG 2: No Hunger

End hunger, achieve food security and improved nutrition and promote sustainable agriculture.

Introduction of new crops

Angul

Mushroom Cultivation amongst the women self-help groups due to its popularity as an off-farm livelihood option and its high demand at consumers' level. In the Angul District, eleven Self Help Groups in 3 villages are presently engaged in mushroom production, laying 5000 beds per month and earning an assured income of Rs 1500 per month per SHG member.

JSPL has trained farmers in following crop rotation including one pulse crop in 2 years span in Odisha. Two-tier vegetable cultivation is being demonstrated through trellis (creeper plants like bitter gourd, sponge gourd etc. & vegetables like brinjal, tomato, chillies etc.). Nursery raising is being demonstrated in shade net house. Jaiba Vatika, District Horticulture Department supported by providing banana saplings (tissue culture), with intercropping of vegetables like brinjal, ladies finger in collaboration with District Horticulture Dept. (Angul, Odisha).

Furthermore, new crops like Soyabean, yam, Abhishek variety of paddy, high density guava have also been introduced in some regions of the Angul district.

Raigarh

In Raigarh, training and support in 3 villages (Muralipali, Naveen Banhar Tipakhol and Ucchbhitti), to 24 families undertaking Paddy Straw mushroom cultivation and 40 families (2 SHGs – Tipakhol and Naveen Banhar) getting involved in cultivation of Oyster mushroom producing about 10 quintals of mushroom during the pilot stage was provided.

Barbil

In Barbil, the CSR activities also promote (Training, cultivation & pest control) Lac Cultivation in Thakurani & Kuldum villages with the participation of 40 farmers from both the villages.



Training and Promotion of Lac Cultivation

Tamnar

Mushroom production as been taken up by the villagers as it is one of the most viable Income Generation Activities. Households and SHGs were supported to establish mushroom production sheds. Mushroom worth of Rs. 601690/- was produced. The Common Interest Group 'Tamnar Samahit Samuh' supported to produce Mushroom Spawn managed to produce and sell 17640 bottles amounting Rs. 382534/- . 370 farmers in operational villages, 70 farmers in Raigarh, 20 SHG members at Hamirpur area and 50 villagers of Livelihood program - State Bank of India were trained to cultivate mushroom.



Mushroom Cultivation Shed

New Technology Demonstration in Farming

Angul

Shednet Technology

The CSR initiatives of the JSPL has led to the development of Shednet cultivation technology introduced for off season cultivation of vegetables and nursery raising and has been now replicated in 5 villages in Angul.

During FY 2015-16, at Angul, the CSR efforts are also aimed at holistic development in the agriculture sector within the targeted districts.

Trellis farming i.e.2 tier vegetable cultivation has been introduced with the help of JSPL. Moreover, organic cultivation of vegetables is also being promoted. Additionally, a food processing centre Chaiti has also been established.

Focussing on forward linkages of the farms with the markets, Veggie Kart Project, an initiative which helps the farmers from nearby villages to sell their produce at fair price has been undertaken. JSPL has partnered with e-Kutir Rural Management Services Pvt Ltd & District farmers' Federation Angul for the project implementation.

Apart from crop farming, there has also been emphasis on fisheries and animal husbandry. Also, fishing nets were presented to landless labourers at Derjang which increased the farmers' income from Rs.2000 to Rs.12000. Also, a Milk Collection cum Distribution Centre has now been linked to Jan Jeevika Kendra promoted by JSPL and managed and run by a farmer's group comprising of 10 dairy farmers. This unit is further connected to 3 milk collection centres comprising of 90 farmers from the nearby villages. The average milk collection is more than 10,000 litres per month which is being marketed inside JSPL Township.



Livelihood Generation through Dairy Farming

SRI Method of Rice Cultivation

SRI is scientific method of farming developed in Madagascar that enables paddy cultivation at highly reduced costs and low requirement for water and chemical fertilizers. The chances of infection from pests are also minimized. Rice is healthy and tasty because of the organic farming practices. Profuse tilling results in high yield, increased panicle length and grain weight. The SRI method of paddy cultivation was demonstrated & replicated in the district of Angul. Last year, it was done in 397 acres. During the year 2015-16 with training support of JSPL in collaboration with the line depts., SRI paddy cultivation was done in 400 acres which led to the rise in family incomes about 2.5 times more on an average.

Raigarh

Provision of Potato Seeds on demonstration basis

In order to encourage cash crops Potato seeds were provided to 2 SHG's in Raigarh on demonstration basis. This included a farmers group of 25 men in the village Muralipali and another SHG of 12 women in Banhar village. which can happen due to climate change.

Sl. No.	Village	Input support (seeds) by JSPL	Total production
1	Naveen Banhar	200 Kg	1700 Kg
2	Muralipali	625 Kg (25 Kg per farmer)	4000 Kg

Tamnar

WADI Development Program

WADI project for tribal development is a joint initiative of NABARD and OPJSKS at 60:40 cost sharing basis which was initiated in selected 250 farmers land (250 acres) and now extended to more 250 acres in the 2nd phase of the program, particularly for tribal communities, who possess small landholdings largely the barren lands. The WADI program has facilitated sustainable income to the tribal families through Agro-Horti-Selvi Pasteur. 13184 mango, 10620 cashew and 2500 lemon plants have been planted in two phases with a difference of three years between phases. Fruiting in Wadi has started and last year approximately 1000 kg of mangoes were sold by the farmers. 110 farmers were motivated for intercrop in Land between the WADI crops from their 110 acres of land.

Barbil

Krishi Vikas Program

At Barbil, 4 Farmers Club have been formed in 4 villages. Credit linkages and input support from agriculture department was provided to each farmer's club – Sialijoda, Balita and Jankasahi (50 families cultivating in 15 acres of land).

Creating Community driven Carbon Sinks Community Plantation

There has been community plantation drives in Angul and Patratu, where more than 7000 plants were planted in collaboration with Forest Department and District Administration. In Raigarh, on the occasion of Hariyar Chattisgarh Program, sapling plantation was undertaken in 5 Government schools.

The programme of renovation and excavation of ponds/ water harvesting structures is continued to be taken up in all business locations creating hundreds of WHS as Carbon sinks in the villages and for non-drinking water use.



Plantation for creating Carbon Sinks

Vocational and Craft Training and Opportunities

To further the commitment of JSPL to enabling sustainable livelihoods, various vocational training programs have also been undertaken as a part of the CSR efforts.

Raigarh

Gou sevak training has been conducted in Tipakhol & Ucchbhitti village and youths have been identified for certification program in collaboration with Dist. Veterinary Dept.

Dhokra Plus – is a special initiative to promote dhokra craft which is one of the traditional art and handicraft of Chattisgarh state. The project also included creation of market linkage and promotion of dhokra products. An exposure visit was organized for Dhokra artisans to the Sadeibereni village in Dhenkanal district of Odisha where one NGO namely Anwesa experimented latest technology for the product enhancement and provided the artisans regular market linkage.

Jewellery making training was organised for 7 women in Gorkha village for a period of one month. The objective of the training was to help women to acquire skill in making Dhokra jewellery and to introduce new products in the markets.

Kosa – As part of promotion of KOSA art, one advanced hands on training for the women weavers was organised after creating interest among them through an exposure visit to Bargarh district of Odisha. As part of the training the classes were organised for a period of two months. The training module covered to acquire skills such as dyeing, weaving and designing. Twenty-one women of Taarpali village benefited through this program. For training purpose looms, threads etc. were provided to the women weavers and later donated to women for capacity building.

Bamboo Craft – A tribal community namely Bansod earn their livelihood by making Bamboo Craft- traditional items for day to day household use. They sell these items in the local market either on their own or through local vendors at a very low price. The income that they earn by making these items is hardly sufficient for maintaining a normal living standard. It was observed that there can be value addition in these products by enhancing their skills & establishing market linkage to increase the family income.



JSPL Foundation's – Swayam Shilp (My Art) is an initiative to promote, preserve and propagate tribal art and crafts of India. In its inaugural phase a series of tribal art & craft workshops were organized with the objective of the revival of indigenous art in the country.

The first in this series was a workshop on Dokra (bellmetal) art held in August 2015, jointly organized with the National Crafts Museum, and conducted by noted Dokra artist from Ektaal village in Raigarh district of Chhattisgarh, Mr. Purnachanda Pradhan; who was felicitated by the Ministry of Rural Development, Government of India as Best Artisan in 2009. A similar workshop on Dokra was conducted at Jawaharlal Nehru Architecture and Fine Arts University (JNAFAU), Hyderabad amidst a lot of appreciation for reviving interest in this otherwise dying art form.

JSPL considered this activity as an affirmative action initiative which addresses the economic need of SC/ST/BPL/women headed households. In the first phase of the program, the CSR team conducted a meeting with the Bansod artisans to motivate them for their skill up gradation and accordingly it was decided to conduct their training through OPJCC for three months and in two phases. In the first phase 44 artisans (27 female and 17 Male) were enrolled for skill upgradation training for three months. CSR, JSPL has formed a committee of the artisans with 55 members. Recently Raigarh Municipal Corporation has launched a project i.e. "SHILP GRAM"- a shopping complex for traditional artisans. CSR JSPL has ensured two shops for Bans Shilp Koushaal Unnayan Samiti in this complex for proper marketing of their bamboo products.

Patratu

Through Self-Help Groups, 60 women engaged in activities such as papad making and embroidery work. A 75-day pottery training program was organized, wherein training was imparted on various products of clay, paper mache, and regular pottery items. 18 people participated in the program and were benefited. A tailoring and production centre was created to impart 6-month training (initiated on 15th Dec 2015) to 20 people in 2 shifts of 10 each.

Barbil

Nipunika a program designed for empowering 71 rural women by providing tailoring training in 3 centers of Deojarh Gram Panchayat namely Deojarh, Kitabeda & Sialijoda. The idea behind this project was to increase the number of tailoring units and establish a partnership with Textile Outlet (at Barbil).

Angul

At Angul, the Jan Jeevika Kendra promoted encouraging women to run micro enterprises has accomplished to sustain engagement of SHGs in income generating activities like (i) organic herbal body care products manufacturing, (ii) jute products making, (iii) vegetable cultivation, (iv) food processing, (v) tailoring & stitching, (vi) mushroom cultivation and (vii) dairy management.

"Sugandhi"- incense stick manufacturing unit is a joint initiative by ORMAS, JSPL and ITC Ltd in Public Private Partnership mode has been benefitting 25 women with an average monthly income of Rs.1800-2000/month;

Capacity Building of Terracotta Artisans: Revival of the traditional artisans had started back in 2014-15 as the need to preserve the traditional vocations was felt essential. Collaboration with the Directorate of Handicrafts was done to impart training to 25 artisans on making POP dye and working on electrical potter wheel to prepare terracotta products which has good market.



Eco-Spa: Women involved in making natural, herbal cosmetics

Similarly manufacturing of the organic body care product under the brand name Eco-Spa procured necessary license to operate business. The food processing SHG's under the brand name of Chaiti and the dairy farm are on self-sustainable mode.

Tamnar

Aakriti production centre- To promote vocational skills among women 'Aakriti Production Centre' was established where 38 women associated with the project registered 'Aakriti Multipurpose Cooperative' and formed 'Kelo-craft Women SHG'. At present manufacturing of apron, cushions cover, bags, wall hangings, garments etc. are being carried out in the centre. After training, the women have managed to earn more than forty thousand rupees and they have received order from Block Education Office to stitch school dress for 1000 children.



Training for Skill Development - Zardozi Craft

Support to Youth, Sports and Local Cultural Groups

Angul, Odisha

- Promotion of Hockey team - Hockey team has been promoted since the last 2 years and 18 players from Odisha and Chhattisgarh have been covered under the project. All the expenses related are borne by JSPL i.e. coaching, kits, food and stipend. The team has won a few accolades and was a runner up in All India Inter-steel Hockey Championship during 2015-16.
- Local sports promotion & tournaments- Coaching was imparted to 780 youths in various sports like Kho-Kho, Kabaddi, Athletics, Football, Volleyball and Handball which were conducted through 52 numbers of coaching camps.
- OP Jindal Angul Football tournament is being organised since last 5 years. It has evolved to be a State level affair involving 12 district teams.
- 5 number of Yoga camps in village have been conducted with 150 participants.
- For encouraging peace, conflict resolution and harmony in villages, musical instruments have been provided to a bhajan mandali at Jamunda jungle. Also renovation of Zilla Kala Kendra in Angul has been completed in collaboration with Member of Parliament Local Area Development(MPLAD).



Athletic Meet at JSPL, Angul

Barbil, Odisha

- Training of 50 students in Silalijoda Kick Boxing & Wushu Club is continued on regular basis.
- Seven Sub-junior Wushu Championship winners were selected and won cash awards from Odisha Govt.
- Kick Boxing Team won championship at Pune consisting of 14 players from the locality.
- Football tournament at Ansekala with participation of 200 youth was supported.
- 30 youths from the locality were given upgraded training on playing Football.
- 5 football tournaments at Ansekala, Kandra, Belepada, Mahadevna, Rana Pratap Yubak Sangha with participation of 2000 youth was supported.
- The Kick Boxing Team for 4 Tournaments participated at different locations was supported.
- 2 Kick Boxing Team won Gold and Silver at the state level competition held at Rourkela.
- Football coaching at the Sialijoda Football Ground for full year practice; 60 youth were trained.

Jeraldaburu, Jharkhand

At Jereldaburu, a football team with 30 local youth has been formed and who were supported with coaching, playing kits, nutritional and other necessary support. The team was facilitated to participate in various tournaments for their skill development and career growth.

Patratu, Jharkhand

- O.P. Jindal Football Tournament- CSR Department had organized District level "Om Prakash Jindal Football Tournament" at PTPS Football Ground at Patratu. Total beneficiaries include 32 male teams and 4 female teams with 540 youths participating in the tournament as audience.
- Jindal Foundation Girl's F.C- Girl's Football is one of the major initiatives undertaken for active participation of women in sports and their holistic development. We support team with coaching, playing camps; training kits and also facilitate them in participating in various tournaments organized at different levels.
- 4 players from team got selected for National level tournament. Total beneficiaries were 20 girls.

Raigarh, Chhattisgarh

Promotion of rural sports – At Raigarh, the CSR team organised village level Kabbadi Tournament in Gejamunda village in which 35 teams from the peripheral communities participated and over 1000 spectators witnessed the tournament.

Tamnar, Chhattisgarh

- Inter School Folk Dance Competition was organized at auditorium of OP Jindal School Tamnar major objective being promotion of the folk art, dance and music of Chhattisgarh. Total 10 cultural teams from different school of Plant, Mines & Rabo area performed. Prizes were handed over to the winners.
- OP Jindal Memorial Cricket Tournament -The CSR team in JPL supports the sports club at Ghargoda to organize OP Jindal Memorial Cricket Tournament. In the year 2015-16, total 16 teams from different states participated.
- Organising cricket tournaments at different locations- CSR, JPL supported the youth's club of Tamnar to organize 'Karan Cup' where teams from the state participated. Youth groups of the villages such as Rabo, Chharratangar, Jhinkabahal, Dhaurabhata etc. were also supported to organize the cricket tournaments.



FUTURE INITIATIVES

JSPL under its CSR have recorded, with great pride, the successes it has achieved in the three major thematic areas of its CSR activities- healthcare, education and need based infrastructure. The conscious promotion of traditional sports like football, hockey, archery, kick boxing, kho-kho, kabbaddi and swimming have succeeded to encompass hundreds of youths to upscale to play district level matches. The promotion of eco-friendly farm, non-farm and off-farm micro enterprises has enabled the local community to have broader options to generate sustainable supplementary income. The collaborative mode and partnership with the local communities / State Governments / Developmental Organisations has enriched the CSR interventions with sustainable result and credibility. In future, JSPL shall be focussed on health care, education and need based infrastructure, sports and micro-enterprises to address critical local needs through its CSR projects which will further improve the quality of life of the community and create a win-win situation also enabling the company to achieve its social mission as embedded in the Millennium Development Goals and the Sustainable Development Goals.



O.P. Jindal Occupational Health Centre



Constructions of Roads leading towards JSPL, Angul



D.A.V. Savitri Jindal High School, Angul



राष्ट्रीय स्वयंसिद्ध
सम्मान
एक पहल बदलाव की ओर

RASHTRIYA SWAYAMSIDDH SAMMAN

The 'Swayamsiddh Samman' is an initiative by JSPL Foundation to identify and nurture the network of change makers and reward these social innovators. The Foundation instituted 'Swayamsiddh Samman' in 2015 to reward grass-root change makers for their contribution in the field of health, education, rural development, women empowerment, public service/ social service, entrepreneurship, art and craft, innovation & technology, livelihood/vocational and environment skills. The first ever Swayamsiddh Samman awards was organised in the states of Chhattisgarh, Odisha and Jharkhand during the year 2015-16, states wherein JSPL has a significant presence, followed by the Rashtriya Swayamsiddh Samman in New Delhi. The initiative was to identify and encourage the unsung heroes who overcame adversities in their life to create their own unique identity, displaying exemplary courage, commitment and dedication, and becoming a source of inspiration for many in India.

The National level **Rashtriya Swayamsiddh Samman** was conferred on 25 individuals and organisations across the country from different walks of life; The Rashtriya Swayamsiddh Samman saw 9 Individuals and 10 Organisations from across sectors receive the prestigious award along with a cash prize of Rs. 1 lakh and a certificate of appreciation to support their ongoing work and enhance the impact on ground. In addition to this, six individuals / organisations were also given a Special Recognition certificate and a cash prize of Rs. 50,000 in cash. The awards were conferred in 10 categories viz. Women Empowerment, Entrepreneurship (start-ups), Education, Agriculture, Rural Development, Public Service / Social Service, Livelihood / Vocational Skills, Health, Innovation / Technology and Environment.

United Nations Global Compact Network India (UNGCI), the Indian arm of United Nations Global Compact (UNGC), was the Knowledge Partner for the awards and was responsible for earmarking the parameters and finalising the awardees. The response for Rashtriya Swayamsiddh Samman was overwhelming and elicited 358 entries from across the country, in a window of 48 days. Out of this, 203 entries were shortlisted based on laid down parameters. The screening was done through a robust process of jury meetings at regional and national levels, and the panel of jury members comprised of experts from all walks of life who have made a mark for themselves in their respective fields. The National Jury comprised Dr. Swaroop Raval, Educationist and Social Activist and former actress; Mr Ashok Sajjanhar, Former Ambassador of India to Kazakhstan, Sweden and Latvia; Mr Anurag Aggarwal, Principal Scientist, CSIR Institute of Genomics & Integrative Biology; Mr Abhishek Humbad, Co-Founder, NextGen and Ms Shallu Jindal, President JSPL Foundation.

During the year 2015-16, the Swayamsiddh Samman was awarded to 120 grass-root level social change makers both at regional and national level. Today, these Swayamsiddh Samman awardees have become Ambassadors of Change and an inspiration for many, guiding others to fulfil their dreams.



Shri Naveen Jindal and Smt. Shallu Jindal with Rashtriya Swayamsiddh Samman Awardees



Smt. Savitri Jindal with Rashtriya Swayamsiddh Samman Awardee



Hon'ble Union Minister Shri Rajiv Pratap Rudy with Rashtriya Swayamsiddh Samman Awardee



SPREADING SMILES ACROSS OUR GLOBAL GEOGRAPHIES

In its operations in Oman and South Africa, JSPL follows the same model of community-based interventions, tailoring its work to the unique features of each context. The focus on healthcare, education and infrastructure & community development undergirds the approach abroad, just as it does in India; the specific projects that it undertake, however, reflect cultural suitability and local requirements.

Oman

Healthcare

In Oman, Jindal Shadeed has supported the host communities through a number of health-related interventions. Regular blood donation camps on the company premises and, through its Project Vision program, conducts regular eye check-up camps for school children and elderly persons in Liwa, Sohar, Sheenas and in Muscat. For ensuring the provision of preventive health services, blood pressure and cholesterol camp and an orthopaedic camp were organised.

Supporting those with disabilities is also an important part of JSPL's work in the health sector including support of wheel chairs, electrical beds, playing units and other tools for handicapped persons.



Emergency Ambulance Service

Education

In the area of education, JSPL organises vocational courses for children and adults during the summer. The educational offerings include English-speaking classes, Computer education programs, Quran recitation classes, adult education, and quiz programs for children. JSPL has also constructed shades in Al Rakha School, Falaj and Sheenas Girls School.



Touching Lives, Oman

Infrastructure and Community Development

Jindal Shadeed's CSR branch has been developing the community infrastructure. In 2015-16, Jindal Shadeed constructed a Majlis (general purpose hall) in Al Jufrah village near Al Multaqa, Sohar and a football ground for Al Haad club Gadafan. The construction of a multi-purpose hall for the Al Noor Blind Association has begun, which is anticipated to be completed during 2016-17.

Other community development activities have focused on the promotion and support of sports programs and the provision of special assistance at the time of Ramadan. Jindal Shadeed has sponsored Falaj Al Qabail sports club, Al Tareef Sports team, Sheenas, Al Salam sports club, Al Kiffa sports team, and Amq sports club, providing, for example, team jerseys and ground repair. During Ramadan, Jindal Shadeed distributed food packets to poor persons and to organisations supporting the handicapped in Liwa, Sohar and Sheenas.

The company also supported mosques in holding their iftars and organized Karenkeshu programs and Omani cultural celebrations for children in neighbouring villages. To support local livelihoods, Jindal Shadeed has also donated fish tanks to Liwa fishermen.



Liwa Hall

South Africa

Education

An existing Early Childhood Development Centre (ECD) in Matafuleni was upgraded to service children from Matafuleni. The Department of Social Development will subsidize food, maintenance and payment for the ECD teachers. The centre will also service some of the children from KwaNgema and Sangweni. This project is ongoing and is at Planning & Design Stage and will be handed over to the Department of Social Development once completed.



Early Childhood Development Centre, Matafuleni

Infrastructure and Community Development

JSPL has undertaken various Infrastructure and Community Development based projects in South Africa.

JSPL has set up a sewing project for Protective Clothing in Inkululeko. This will promote local SMME development as well as local procurement. The company also supports the existing Simunye Woman's sewing project in Piet Retief through supply of Sewing machines, tables, chairs and material. The Co-operative currently provides school uniforms for schools within Piet Retief.

At Piet Retief, the Company supports a Vegetable Gardening Project with the supply of fencing material in order to sustain livelihoods of farming community participating in the project. The project is currently owned by local women and men pensioners. Land is already acquired through Mondi Paper (Pty Ltd) sponsorship. The department of Water Affairs will also be supporting the project with JOJO tanks for water harvesting and storage. At Sangweni, the Company has undertaken fencing of approximately 1.4 km along both sides of the road to the mine to protect community livestock from mine trucks and other vehicles. The road is very dangerous especially at night as the community also do not have grazing camps. The project will also include pedestrian crossing at the bus stop and speed humps to control speed on the mine trucks and vehicles.

The company is supporting the establishment of a poultry project. The project intends to target the local chain stores and hospitals. Department of Agriculture, Rural development Land and Environmental Affairs will guidelines on the establishment of appropriate infrastructure and training. The project includes provision of infrastructure and feeds for the chicken.

The company supports the initiation of a vegetable production project in Masakhane to supply the local businesses and major chain stores. The project is also intended to use the recycled/ grey water from the mine. The Department of Agriculture will also provide necessary agricultural, entrepreneurial and marketing skill training to ensure access to the market. The project involves acquisition of land, fencing of field, put up irrigation system and supply appropriate resources. At Inkululeko, the company support existing 50 hectares farming project through provision of farming implements. In order to ensure the sustainability of the project, the Department of Agriculture, Rural development Land and Environmental Affairs will be sourced/partnered with in order to provide agricultural support.

The company has undertaken construction of pedestrian crossing bridges in Sangweni and Matafuleni. At Sangweni, the pedestrian bridge serves as a river crossing to assist scholars schooling on the other side of the road at the Tshondo Primary School. Young scholars commute approx. 7 km to and from school. During summer rains the river crossing is very dangerous due to the over and hence prohibits children from going to school. Installation of pedestrian bridge at this river crossing will address the existing problem.

The company also supports the establishment of community food & beverage supply cooperative project to assist youth initiating a catering business. The project will include training and supply of catering equipment. The project will include acquisition of container for storage and provision of catering equipment. The initial target market is employees, truck drivers from Kiepersol and regular mine visitors. Through skills development the project plans to provide catering for local weddings and other functions.



Simunye Woman's Sewing Project, Piet Retief



PHILANTHROPY & INSTITUTIONAL DEVELOPMENT

Our social commitment lies at the core of everything we do; we are guided by the tenet of making a meaningful change in the lives of others and integrating them into the mainstream development process. We steer our community engagement, philanthropy and institutional building towards holistic societal development, for we believe sustainable development is the clarion call- to make a lasting difference in the lives of people.

Flag Foundation of India

As a young entrepreneur in the 1990s Mr Naveen Jindal, like many other people his age, took pride in the tricolour, but could not hoist it because of the laws prevailing then in the country. After completing his MBA he returned from the US, a country where the National Flag was allowed to be hoisted by its citizens. He wanted Indians to have the same right and moved the Delhi High Court with a writ petition under Article 226 of the Constitution. Eventually he won his legal battle for himself and the whole Nation. In 2002 the Union Cabinet announced that citizens will be free to fly the National Flag respectfully on all days from January 26, 2002. The Government subsequently issued a new flag code (Flag Code of India 2002), with guidelines for flying the National flag.

Subsequently, the Chairman of JSPL Mr Naveen Jindal set up the Flag Foundation of India (FFI) with the vision of instilling in citizens of India a sense of pride in the tiranga (tricolour), India's National Flag. To achieve this, the FFI uses all possible means—music, art, photography, cultural programmes, festivals, seminars and workshops. Collaboration with civil society and advocacy groups, corporate houses, educationists and like-minded individuals, with a special focus on children and youth, is a part of its work.

Later, in 2009 JSPL's Chairman Mr Naveen Jindal campaigned for and got a favourable ruling from the Ministry of Home Affairs on December 22, 2009, to let monumental flags be flown at night with appropriate illumination.

In March 2014, the FFI erected a 207-foot flag-mast bearing a 37-kg flag at the Central Park, Connaught Place, New Delhi in partnership with the New Delhi Municipal Corporation. In September 2014, a 207-foot flagpole was gifted to the Government of Afghanistan-- Kabul's first and highest monumental flagpole.

FFOI has so far installed 52 monumental flagpoles of 100 feet high and 12 monumental flagpoles of 207 feet high across the length & breadth of the country. In all, it has so far installed 64 monumental flagpoles in the country which is the highest number in the world for a country. Besides India, there are 13 more countries, which have such monumental flag poles.



Monumental Flag at War Memorial, Drass, Kargil Jammu & Kashmir



Monumental Flag at Jaipur Polo Ground, New Delhi



Monumental Flag at Pongong-Tso-Ladakh, Jammu & Kashmir



Monumental Indian National Flag hoisted by Flag Foundation of India at Central Park, Connaught Place, New Delhi



OP Jindal Global University, Sonapat

OP Jindal Global University (OPJGU)

JGU is a non-profit global university established by the Haryana Private Universities (Second Amendment) Act, 2009. JGU is established in memory of Mr. O.P. Jindal as a philanthropic initiative of Mr. Naveen Jindal, the Founding Chancellor. The University Grants Commission has accorded its recognition to O.P. Jindal Global University. The vision of JGU is to promote global courses, global programmes, global curriculum, global research, global collaborations, and global interaction through a global faculty. JGU is situated on an 80-acre state-of-the-art residential campus in the National Capital Region of Delhi. JGU is one of the few universities in Asia that maintains a 1:15 faculty-student ratio and appoints faculty members from different parts of the world with outstanding academic qualifications and experience. In order to promote access to higher education and public service through award of scholarships and fellowships, over seventy percent of students at JGU are studying with some or the other form of scholarship.

JGU has established six schools: Jindal Global Law School, Jindal Global Business School, Jindal School of International Affairs, Jindal School of Government and Public Policy, Jindal School of Liberal Arts & Humanities and the Jindal School of Journalism and Communication.

True to its global orientation, JGU Campus provides world class infrastructure for its students and employees. Apart from state-of-the-art residential facilities, smart classrooms and global library; the university has good sporting facilities, a health center, a popular Bistro and various conference rooms.

In addition to one of the tallest flagpoles bearing the Indian tri-color, the university reading room (i.e. Hall of Flags) bears the flag of all countries in the world.

OPJEMS

OP Jindal Engineering and Management Scholarship (OPJEMS) is a yearly initiative undertaken by the OP Jindal Group of Companies to promote academic and leadership excellence. The scholarships for technical and management education have been in existence since 2007 and till date more than 800 meritorious and deserving students have been recognized.

For the year 2015 OPJEMS recognized 100 deserving students from 40 prestigious institutes* (24 Engineering & 16 Management Institutes) across the country and awarded scholarships to the value of Rs. 80,000 to each Engineering scholar & Rs. 1,50,000 for each Management scholar.

Over the years, over 200 diverse full time faculty members across 30 nationalities have been appointed from the top fifty universities of the world including (Harvard, Cambridge, Oxford, Stanford, Yale, Columbia, Brown, Cornell, Johns Hopkins, Duke, Berkeley, etc.). Of these faculty members, six are Rhodes Scholars. There are forty interdisciplinary research centers and research and capacity building institutes. Faculty members have published over six hundred peer reviewed journals and law reviews, research reports, policy papers, book chapters and books. Keeping with the global outlook of the university, OPJGU has also developed international collaborations with over one hundred fifty-five universities and institutions in thirty six countries across the world. These collaborative ventures help implement 10 different forms of partnerships: Faculty Exchange Programs, Student Exchange Programs, Joint Teaching, Joint Research, Joint Conferences, Joint Publications, Dual Degree Programs, Joint Executive Education Programs, Summer and Winter Schools and Study Abroad Programs.

Some of the pioneering work done by OPJGU include an MA degree Diplomacy, Law & Business – a first of its kind multi-disciplinary program in the world, The Jindal School of Government and Public Policy which is the first exclusive inter-disciplinary public policy school in India, B.A. degrees in Liberal Arts and Humanities, and Global Affairs – both first of its kind programme at the undergraduate level in India and the first Foreign Policy Fellowship Program in India in the form of the Youth Forum on Foreign Policy (YFFP) Jindal Research fellowship.

In 2015-16, OPJGU was accredited by the National Assessment and Accreditation Council (NAAC) with “A” Grade.



Meritorious Scholars felicitated at OPJEMS - 2015

Naveen Jindal School of Management, UT Dallas

JSPL's chairman Mr. Naveen Jindal is a management graduate from the University of Texas in Dallas, USA. In recognition of his philanthropic contribution to the University as an alumnus, the University of Texas Board of Regents has named the school - Naveen Jindal School of Management.

In four decades, the Jindal school has grown to globally respected business school offering programs with Top 10 rankings from Bloomberg Business Week, Financial Times and US News & World Report. The school is the largest of UT Dallas' eight schools, with a 2016 fall enrolment of more than 9,100, up nearly 11 per cent from the prior year. Programs are offered at the bachelor's, master's, PhD and executive levels, and they focus on eight areas of business specialization. In 2013, Financial Times ranked the school at No. 18 in the world for faculty research productivity.



Naveen Jindal School of Management, UT Dallas, Texas, USA



Jindal Panther Polo Team

Sports

JSPL is an ardent supporter of sports and sportsmanship. The Jindal Panther polo team has been actively promoting the game of Polo and won 7 tournaments in 2015-16. There is special emphasis by JSPL on supporting disabled individuals in sports activities.

JSPL has employed paralympic arm wrestling champion Shrimant Jha. Also, for the past 5 years JSPL has sponsored Aryan Chopra, the world's youngest chess grandmaster.



Mr. Shrimant Jha - JSPL employee and Para arm wrestler



Jindal Panther Polo Team receiving the winner trophy



AWARDS & ACCOLADES 2015-16

- ATD Award for Excellence in Practice & Citation' in the Change Management category for one of its noble initiative "Utthaan' The RISE: Transformation in the lives of PAPs (Project Affected People) through Attitudinal Change and Competency Building".
- AIMA Award 2015 for "UTTHAAN" initiative, during the 7th Business Responsibility Summit, by All India Management Association (AIMA) on 23rd June, 2015
- Global Sustainability Award 2015 – Gold Winner by Energy and Environment Foundation to Etalin Hydro Electric Power Company Limited for outstanding achievements in sustainability management.
- Odisha INC Green Award – 2015 for sustainable environmental practices such as adoption of environment friendly technology, plantation drive, watershed management programme, pollution control initiatives and others.
- India CSR 2015 Award for Best CSR Project on Skilling Rural Women for Sustainable Livelihoods to OP Jindal Community College.
- India CSR Award for best CSR Practices in Water Conservation Activities at Angul
- India CSR Award 2015 for best CSR project in Adolescent Girls' Health at Angul
- Odisha CSR Forum Award 2015 for Successful Convergence of Govt. Schemes with CSR Work at Angul
- OTV CSR Award 2015 for best CSR Practices at Angul
- Outstanding CSR Award by Odisha Live, 2016 at Angul
- Green Corporate Award by Odisha Environment Congress, 2015 at Bhubaneswar.



ATD Award for Excellence for Project Utthaan.



All India Management Association (AIMA) Award for UTTHAAN initiative.



OTV CSR Award



Green Corporate Award- Odisha Environment Congress

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District Administration of Angul, Keonjhar & Sundergarh, Odisha
District Administration of Ramgarh, West Singhbhum & Godda, Jharkhand
National Bank for Agriculture & Rural Development (NABARD)
Maulana Azad Samajik Evam Shaikshnik Parishad (MASSP)
Department of Integrated Child Development Services (ICDS)
Chhattisgarh State Renewable Energy Development Agency (CREDA)
National AIDS Control Organisation (NACO)
DAV Management Committee
Department of National Health Mission
National Handicapped Finance & Development Corporation
OP Jindal Global University

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Jindal Education & Welfare Society (JEWS), Raigarh, Chhattisgarh
O. P. Jindal Samaj Kalyan Samiti (OPJSKS), Tamnar, Chhattisgarh
Jindal Welfare Society (JWS), Angul, Odisha
Jindal Education & Welfare Society (JEWS), Barbil, Odisha
Jindal Education & Welfare Society (JEWS), Patratu, Jharkhand
O. P. Jindal Gramin Jan Kalyan Sansthan (OPJGJKS), Kurukshetra, Haryana



राष्ट्रीय स्वयंसिद्ध सम्मान

एक पहल बदलाव की ओर

JSPL Foundation instituted, **Rashtriya Swayamsiddh Samman** identifies, recognises and honours grassroot leaders, innovators and change agents with exemplary Courage, Commitment and Confidence that has enabled them to overcome adversities, making them a source of inspiration for many in India.

An honorarium of ₹100,000 will be awarded to 10 such individuals & organizations in April 2017.

For further details and call for entries, visit : www.jsplfoundation.co.in



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