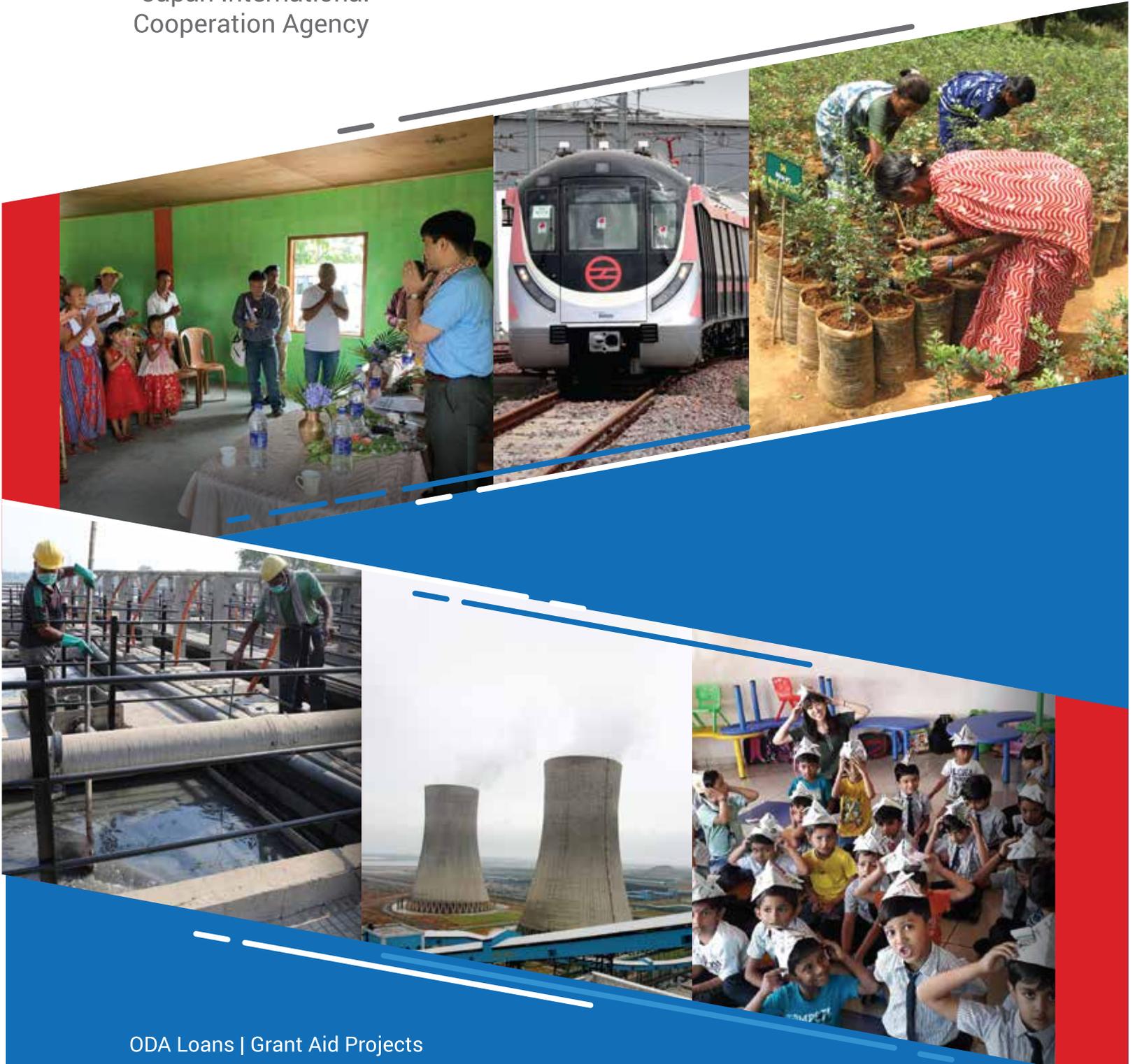




Japan International  
Cooperation Agency

# PROJECTS IN INDIA



ODA Loans | Grant Aid Projects  
Technical Cooperation Projects, Development Studies and others  
JICA Partnership Program (JPP) Projects



# Official Development Assistance (ODA) Loans



## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Nagarjunasagar Hydroelectric Power Station Expansion Project	Energy	6/13/1978	8,400	Andhra Pradesh State Electricity Board
Nagarjunasagar Hydroelectric Power Station Expansion Project (Stage II)	Energy	10/15/1981	7,000	Andhra Pradesh Power Generation Corporation Limited
Srisailem Left Bank Power Station Project (Phase I)	Energy	2/10/1988	26,101	Andhra Pradesh Power Generation Corporation Ltd.
Ramagundam Fertilizer Plant Rehabilitation Project	Agriculture	12/15/1988	11,132	The Fertilizer Corporation of India Limited
Srisailem Power Transmission System Project	Energy	12/21/1992	3,806	Transmission Corporation of Andhra Pradesh Ltd.
National Highway-5 Improvement Project	Transportation	1/24/1994	11,306	Ministry of Road Transport & Highways
Srisailem Left Bank Power Station Project (II)	Energy	2/28/1995	22,567	Andhra Pradesh Power Generation Corporation Ltd.
Srisailem Power Transmission System Project (III)	Energy	2/28/1995	9,546	Transmission Corporation of Andhra Pradesh Ltd.
Kothagudem'A' Thermal Power Station Rehabilitation Project	Energy	2/28/1995	5,092	Andhra Pradesh Power Generation Corporation Ltd.
Kurnool-Cuddapah Canal Modernization Project	Agriculture	1/25/1996	16,049	Irrigation and Command Area Development Department, Government of Andhra Pradesh
Simhadri Thermal Power Station Project	Energy	2/25/1997	19,817	National Thermal Power Corporation Ltd.
Simhadri and Vizag Transmission-System Project	Energy	12/12/1997	10,629	Transmission Corporation of Andhra Pradesh Ltd.
Srisailem Left Bank Power Station Project (III)	Energy	12/12/1997	14,499	Andhra Pradesh Power Generation Corporation Ltd.

### PROJECTS IN INDIA

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Simhadri Thermal Power Station Project (II)	Energy	3/30/2001	12,194	National Thermal Power Corporation Ltd.
Simhadri Thermal Power Station Project (III)	Energy	2/13/2002	27,473	National Thermal Power Corporation Ltd.
Simhadri and Vizag Transmission System Project (II)	Energy	5/10/2002	6,400	Transmission Corporation of Andhra Pradesh Ltd.
Simhadri Thermal Power Station Project (IV)	Energy	3/31/2003	5,684	National Thermal Power Corporation Ltd.
Kurnool Cuddapah Canal Modernization Project (II)	Agriculture	3/31/2004	4,773	Irrigation and Command Area Development Department, Government of Andhra Pradesh
Hussain Sagar Lake & Catchment Area Improvement Project	Water & Sanitation	3/31/2006	7,729	Hyderabad Urban Development Authority
Visakhapatnam Port Expansion Project (Engineering Services)	Transportation	3/31/2006	161	Visakhapatnam Port Trust
Visakhapatnam Port Expansion Project	Transportation	3/31/2006	4,129	Visakhapatnam Port Trust
Transmission System Modernization and Strengthening Project in Hyderabad Metropolitan Area	Energy	3/30/2007	23,697	Transmission Corporation of Andhra Pradesh Limited
Andhra Pradesh Irrigation and Livelihood Improvement Project	Agriculture	3/30/2007	23,974	Irrigation and Command Area Development Department, Government of Andhra Pradesh
Hyderabad Outer Ring Road Project Phase I	Energy	3/10/2008	41,853	Hyderabad Growth Corridor Limited
Hyderabad Outer Ring Road Project (Phase 2)	Transportation	11/21/2008	42,027	Hyderabad Growth Corridor Limited
Andhra Pradesh Rural High Voltage Distribution System Project	Energy	6/16/2011	18,590	Central Power Distribution Company of Andhra Pradesh Limited

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Campus Development Project of IITH	Education	1/28/2014	5,332	Indian Institute of Technology Hyderabad
Campus Development Project of IITH (Phase2)	Education	1/28/2014	17,703	Indian Institute of Technology Hyderabad
Andhra Pradesh Irrigation & Livelihood Improvement Project (Phase2) (I)	Water & Sanitation	12/13/2017	21,297	Water Resources Department, Government of Andhra Pradesh
<b>Andhra Pradesh and Telangana</b>			<b>429,014</b>	
Chandrapur Thermal Power Station Expansion Project	Energy	6/2/1981	1,420	Assam State Electricity Board
Lower Borpani Hydro Electric Project	Energy	10/15/1981	1,700	Assam State Electricity Board
Assam Gas Turbine Power Station and Transmission Line Construction Project	Energy	3/18/1987	30,000	North Eastern Electric Power Co. and Power Grid Co. of India
Assam Gas Turbine Power Station and Transmission Line Construction Project (II)	Energy	2/10/1988	13,552	Power Grid Corporation of India Limited (POWERGRID)
Assam Gas Turbine Power Station and Transmission Line Construction Project (III)	Energy	2/28/1995	15,821	North Eastern Electric Power Co. and Power Grid Co. of India
Guwahati Water & Sanitation Supply Project	Water & Sanitation	3/31/2009	29,453	Guwahati Metropolitan Development Authority
Guwahati Sewerage Project	Water & Sanitation	2/27/2015	15,620	Guwahati Jal Board
<b>Assam</b>			<b>107,566</b>	

## PROJECTS IN INDIA

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Eastern Gandak Canal Hydroelectric Project	Energy	12/26/1984	1,630	Bihar State Hydroelectric Power Corporation Limited
Tourism Development Project	Others	12/15/1988	9,244	Ministry of Tourism
Bihar National Highway Improvement Project	Transportation	2/22/2013	22,903	National Highway Authority of India
Bihar National Highway Improvement Project (Phase 2)	Transportation	1/30/2014	21,426	Bihar State Road Development Corporation
<b>Bihar</b>			<b>55,203</b>	
Chhattisgarh Sericulture Project	Agriculture	12/12/1997	2,212	Directorate of Sericulture, Government of Chhattisgarh
<b>Chhattisgarh</b>			<b>2,212</b>	
Delhi Mass Rapid Transport System Project	Transportation	2/25/1997	14,760	Delhi Metro Rail Corporation Limited
Delhi Mass Rapid Transport System Project (II)	Transportation	3/30/2001	6,732	Delhi Metro Rail Corporation Limited
Delhi Mass Rapid Transport System Project (III)	Transportation	2/13/2002	28,659	Delhi Metro Rail Corporation Limited
Delhi Mass Rapid Transport System Limited Project (IV)	Transportation	3/31/2003	34,012	Delhi Metro Rail Corporation Limited
Delhi Mass Rapid Transport System Limited Project (V)	Transportation	3/31/2004	59,296	Delhi Metro Rail Corporation Limited
Delhi Mass Rapid Transport System Limited Project (VI)	Transportation	3/31/2005	19,292	Delhi Metro Rail Corporation Limited
Delhi Mass Rapid Transport System Limited Project (Phase 2) (I)	Transportation	3/31/2006	14,900	Delhi Metro Rail Corporation Limited

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Delhi Mass Rapid Transport System Limited Project (Phase 2) (II)	Transportation	3/30/2007	13,583	Delhi Metro Rail Corporation Limited
Delhi Mass Rapid Transportation Limited System Project Phase 2 (III)	Transportation	3/10/2008	72,100	Delhi Metro Rail Corporation Limited
Delhi Mass Rapid Transport System Limited Project Phase 2 (IV)	Transportation	3/31/2009	77,753	Delhi Metro Rail Corporation Limited
Delhi Mass Rapid Transport System Limited Project Phase 2 (V)	Transportation	3/31/2010	33,640	Delhi Metro Rail Corporation Limited
Delhi Mass Rapid Transport System Project Phase 3	Transportation	3/29/2012	127,917	Delhi Metro Rail Corporation Limited
Delhi Water Supply Improvement Project	Water & Sanitation	10/29/2012	28,975	Delhi Jal Board
Delhi Mass Rapid Transport System Project Phase 3 (II)	Transportation	3/31/2014	148,887	Delhi Metro Rail Corporation Limited
Delhi Eastern Peripheral Expressway Intelligent Transport Systems Installation Project	Transportation	3/31/2017	6,870	National Highways Authority of India (NHAI)
Delhi Mass Rapid Transport System Project Phase 3 (Tranche III)	Transportation	10/30/2018	4,652	Delhi Metro Rail Corporation Limited
<b>Delhi</b>			<b>692,028</b>	
Goa Water Supply & Sewerage Project	Water & Sanitation	9/14/2007	22,806	Public Works Department, Government of Goa
<b>Goa</b>			<b>22,806</b>	

### PROJECTS IN INDIA

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Hazira Fertilizer Project (KRIBHCO)	Agriculture	5/7/1981	20,000	Krishak Bharati Cooperative Ltd.
Sardar Sarovar (Narmada) Hydroelectric Project	Energy	11/25/1985	2,850	Sardar Sarovar Narmada Nigam
Gandhar Gas Based Combined Cycle Power Project (I)	Energy	3/27/1990	13,046	National Thermal Power Co. Ltd. Power Grid Co. of India Ltd.
Gandhar Gas Based Combined Cycle Power Project (II)	Energy	1/9/1992	42,599	National Thermal Power Co. Ltd. Power Grid Co. of India Ltd.
Gandhar Gas Based Combined Cycle Power Project (I)	Energy	12/21/1992	19,538	National Thermal Power Co. Ltd. Power Grid Co. of India Ltd.
Gujarat Afforestation and Development Project	Forestry	1/25/1996	15,760	Forest Department, Government of Gujarat
Pipavav Port Shipbreaking Project	Energy	1/25/1996	7,046	Pipavav Ship Dismantling & Engineering Limited
Gujarat Forestry Development Project Phase 2	Forestry	3/30/2007	17,521	Forest Department, Government of Gujarat
Ahmedabad Metro Project (I)	Transportion	3/4/2016	82,434	Metro Link Express for Gandhinagar and Ahmedabad
Gujarat Investment Promotion Program	Regional Development	9/15/2017	16,825	Government of Gujarat, Finance Development
Upgradation of Environmental Management for Ship Recycling	Others	9/15/2017	8,520	Gujarat Maritime Board, of Gujarat
<b>Gujarat</b>			<b>246,139</b>	
Western Yamuna Canal Hydroelectric Project	Energy	3/19/1981	4,000	Haryana Power Generation Corporation Limited
Faridabad Gas Based Power Station and Associated Transmission System Project	Energy	1/24/1994	23,536	National Thermal Power Corporation Ltd. & Power Grid Co. of India

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Integrated Natural Resource Forestry Reduction Project in Haryana	Forestry	3/31/2004	6,280	Forest Department, Government of Haryana
Haryana Transmission System Project	Energy	3/10/2008	20,902	Rural Electrification Corporation Limited & HVPNL
Haryana Distribution System Upgradation Project	Energy	3/31/2008	26,800	Uttar Haryana Bijli Vitran Nigam Limited, Dakshin Haryana Bijli Vitran Nigam Limited
<b>Haryana</b>			<b>81,518</b>	
Swan River Integrated Watershed Management Project	Forestry	3/31/2006	3,493	Forest Department, Government of Himachal Pradesh
Himachal Pradesh Crop Diversification Promotion Project	Agriculture	2/17/2011	5,001	Department of Agriculture, Government of Himachal Pradesh
Project for Improvement of Himachal Pradesh Forest Ecosystems Management and Livelihoods	Forestry	3/29/2018	1,136	Forest Department Government of Himachal Pradesh
Project for Improvement of Himachal Pradesh Forest Ecosystems Management and Livelihoods	Forestry	4/2/2018	11,136	Himachal Pradesh Forest Department (HPFD)
<b>Himachal Pradesh</b>			<b>20,766</b>	
North Karanpura Super Thermal Power Project (I)	Energy	3/31/2005	15,916	National Thermal Power Corporation Limited
Jharkhand Horticulture Intensification by Micro Drip Irrigation Project	Agriculture	3/31/2016	4,652	Jharkhand State Livelihood Promotion Society (JSLPS)
<b>Jharkhand</b>			<b>20,568</b>	

### PROJECTS IN INDIA

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Raichur Thermal Power Station Expansion Project	Energy	12/15/1988	23,142	Karnataka Power Corporation Ltd.
Mysore Paper Mills Modernization Project	Others	12/15/1988	2,381	Mysore Paper Mills Ltd.
Karnataka State Comprehensive Land Use Management Project	Agriculture	6/13/1991	16,050	Government of Karnataka
Bangalore Water Supply and Sewerage Project	Water & Sanitation	1/25/1996	28,452	Bangalore Water Supply and Sewerage Board
Eastern Karnataka Afforestation Project	Forestry	2/25/1997	15,968	Forest Department, Government of Karnataka
Karnataka Sustainable Forest Management and Biodiversity Conservation Project	Forestry	3/31/2005	15,209	Forest Department, Government of Karnataka
Bangalore Water Supply and Sewerage Project (II-1)	Water & Sanitation	3/31/2005	41,997	Bangalore Water Supply and Sewerage Board
Bangalore Water Supply and Sewerage Project (II-2)	Water & Sanitation	3/31/2006	28,358	Bangalore Water Supply and Sewerage Board
Bangalore Metro Rail Project	Transportation	3/31/2006	44,704	Bangalore Metro Rail Corporation Limited
Bangalore Distribution Upgradation Project	Energy	3/30/2007	10,643	Bangalore Electricity Supply Company Limited
Bangalore Metro Rail Project (II)	Transportation	6/16/2011	19,832	Bangalore Metro Rail Corporation Limited
Bengaluru Water Supply and Sewerage Project (Phase 3)(I)	Water & Sanitation	1/24/2018	45,000	Bangalore Water Supply and Sewerage Board
<b>Karnataka</b>			<b>291,736</b>	

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Fact Captive Power Plant Project	Others	2/10/1988	2,000	The Fertilizers and Chemicals Travancore Limited
Udyogamandal Ammonia Plant Replacement Project	Others	12/21/1992	24,482	The Fertilizers and Chemicals Travancore Limited
Attappady Wasteland Environmental Conservation Project	Others	1/25/1996	5,112	Department of Rural Development, Government of Kerala
Kerala Water Supply Project	Water & Sanitation	2/25/1997	11,997	Kerala Water Authority
Kerala Water Supply Project (II)	Water & Sanitation	3/30/2007	32,777	Kerala Water Authority
Kerala Water Supply Project (III)	Water & Sanitation	3/31/2009	12,727	Kerala Water Authority
<b>Kerala</b>			<b>89,095</b>	

Bijapur Fertilizer Plant Project	Agriculture	9/11/1984	15,000	National Fertilizers Limited
Malanjhand Copper Expansion Project (E/S)	Others	1/12/1990	1,516	Hindustan Copper Limited
Lake Bhopal Conservation and Management Project	Others	2/28/1995	7,055	Housing and Environment Department, Government of Madhya Pradesh
Rajghat Canal Irrigation Project	Agriculture	2/25/1997	13,222	Bangalore Metro Rail Corporation Limited
Madhya Pradesh Transmission System Modernisation Project	Energy	6/16/2011	18,475	Bangalore Water Supply and Sewerage Board

### PROJECTS IN INDIA

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Transmission System Strengthening Project in Madhya Pradesh	Energy	3/31/2016	15,457	Madhya Pradesh Power Transmission Company Limited
<b>Madhya Pradesh</b>			<b>70,725</b>	
Paithan Hydroelectric Project	Energy	8/10/1978	1,300	Government of Maharashtra
Bombay Offshore Oil Field Development Project	Others	3/4/1980	6,200	Oil and Natural Gas Commission
Bombay Offshore Oil Field Development Project (II)	Others	7/25/1980	8,600	Oil and Natural Gas Commission
Thal Vaishet Fertilizer Project	Others	9/24/1981	20,000	Rashtriya Chemicals and Fertilizers Ltd.
Bombay Suburban Railways Modernization Project	Transportation	5/14/1982	1,800	Ministry of Railways
Ujjani Hydroelectric Project	Energy	11/25/1985	1,500	Irrigation Department, Government of Maharashtra
Ghatghar Pumped Storage Project	Energy	12/15/1988	11,414	Irrigation Department, Government of Maharashtra
Urban City Water Supply Project	Water & Sanitation	1/9/1992	6,788	Housing and Urban Development Corporation Ltd.
Ajanta-Ellora Conservation and Tourism Development Project	Others	1/9/1992	3,745	Ministry of Tourism
Ajanta-Ellora Conservation and Tourism Development Project (II)	Others	3/31/2003	7,331	Ministry of Tourism
Maharashtra Transmission System Project	Energy	9/14/2007	16,749	Maharashtra State Electricity Transmission Company Limited

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Mumbai Metro Line 3 Project	Transportation	9/17/2013	71,000	Mumbai Metro Rail Corporation Limited
Project for Pollution Abatement of River Mula-Mutha in Pune	Water & Sanitation	1/13/2016	19,064	National River Conservation Directorate, MOEF
Mumbai Trans Harbor Link Project (I)	Transportation	3/31/2017	144,795	Mumbai Metropolitan Region Development Authority (MMRDA)
Mumbai Metro Line 3 Project (II)	Transportation	3/29/2018	100,000	Mumbai Metro Rail Corporation
Mumbai Metro's Line 3 Project	Transportation	4/2/2018	100,000	Mumbai Metro Rail Corporation Limited (MMRCL)
<b>Maharashtra</b>			<b>520,286</b>	

Umiam Hydro Power Station Renovation Project	Energy	2/25/1997	1,700	Meghalaya State Electricity Board
Umiam Stage II Hydro Power Station Renovation and Modernization Project	Energy	3/31/2004	1,964	Meghalaya State Electricity Board
Project for Renovation and Modernisation of Umiam-Umtru Stage III Hydroelectric Power Station	Energy	10/30/2018	5,497	Meghalaya Power Generation Corporation Limited (MePGCL)
<b>Meghalaya</b>			<b>9,161</b>	

Manipur Sericulture Project	Agriculture	12/12/1997	3,962	Department of Sericulture, Government of Manipur
<b>Manipur</b>			<b>3,962</b>	

### PROJECTS IN INDIA

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Tuirial Hydro-electric Power Station Project	Energy	2/25/1997	11,695	North Eastern Electric Power Corporation Ltd.
<b>Mizoram</b>			<b>11,695</b>	
Nagaland Forest Management Project	Forestry	3/31/2017	6,224	Department of Environment, Forest and Climate Change, Government of Nagaland.
<b>Nagaland</b>			<b>6,224</b>	
Hirakud Hydroelectric Project	Energy	10/15/1981	1,500	Orissa State Electricity Board
Upper Kolab Irrigation Project	Agriculture	12/15/1988	3,769	Department of Water Resources, Government of Orissa
Upper Indravati Irrigation Project	Agriculture	12/15/1988	3,744	Department of Water Resources, Government of Orissa
The National Highway-5 Improvement Project (II)	Transportation	2/28/1995	5,836	Ministry of Road Transport & Highway
Rengali Irrigation Project	Agriculture	12/12/1997	7,760	Department of Water Resources, Government of Orissa
Rengali Irrigation Project (II)	Agriculture	3/31/2004	7,760	Department of Water Resources, Government of Orissa
Orissa Forestry Sector Development Project	Forestry	3/31/2006	13,937	Forest and Environment Department, Government of Orissa
Orissa Integrated Sanitation Improvement Project	Water & Sanitation	3/30/2007	19,061	Orissa Water Supply and Sewerage Board
Rengali Irrigation Project (III)	Agriculture	3/31/2010	3,072	Department of Water Resources, Government of Odisha
Rengali Irrigation Project (Phase 2)	Agriculture	3/30/2015	33,959	Department of Water Resources, Government of Odisha

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Odisha Transmission System Improvement Project	Energy	5/15/2015	21,787	Odisha Power Transmission Corporation Limited
Odisha Intergrated Sanitation Improvement Project (II)	Water & Sanitation	3/31/2016	25,796	Orissa Water Supply and Sewerage Board
Odisha Forestry Sector Development Project (Phase 2)	Forestry	3/31/2017	14,512	Forest and Environment Department, Government of Odisha
<b>Odisha</b>			<b>161,075</b>	

Punjab Afforestation Project	Forestry	12/12/1997	6,193	Department of Forests and Wildlife, Preservation, Punjab
Punjab Afforestation Project (II)	Forestry	3/31/2003	5,054	Department of Forests and Wildlife, Preservation, Punjab
Amritsar Sewerage Project	Water & Sanitation	3/30/2007	6,961	Punjab Water Supply and Sewerage Board
<b>Punjab</b>			<b>18,208</b>	

Engineering Services for Indira Gandhi Nahar Project	Agriculture	3/27/1990	84	Indira Gandhi Nahar Project Department, Government of Rajasthan
Afforestation and Pasture Development Project Along Indira Gandhi Canal Area	Forestry	1/23/1991	7,869	Department of Forest, Government of Rajasthan
Afforestation Project In Aravalli Hills	Forestry	1/9/1992	8,095	Department of Forest, Government of Rajasthan
Rajasthan Forestry Development Project	Forestry	2/28/1995	4,219	Department of Forest, Government of Rajasthan
Rajasthan Forestry And Biodiversity Project	Forestry	3/31/2003	9,054	Department of Forest, Government of Rajasthan

### PROJECTS IN INDIA

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Bisalpur Jaipur Water Supply Project (Transfer System)	Water & Sanitation	3/31/2004	8,881	Public Health Engineering Department, State Government of Rajasthan
Rajasthan Minor Irrigation Improvement Project	Agriculture	3/31/2005	11,555	Irrigation Department, State Government of Rajasthan
Rajasthan Forestry and Biodiversity Project (phase 2)	Forestry	6/16/2011	15,749	Department of Forest, Government of Rajasthan
Rajasthan Rural Water Supply & Fluorosis Project (Nagaur)	Water & Sanitation	9/28/2012	37,598	Public Health Engineering Department (PHED), Government of Rajasthan
Rajasthan Water Sector Livelihood Improvement Project (I)	Water & Sanitation	3/31/2017	13,725	Water Resource State Department, Government of Rajasthan
<b>Rajasthan</b>			<b>116,829</b>	
Sikkim Biodiversity Conservation and Forest Management Project	Forestry	3/31/2010	5,384	Department of Forest, Environment, and Wildlife Management, Government of Sikkim
<b>Sikkim</b>			<b>5,384</b>	
Lower Mettur Hydro Electric Project	Energy	10/15/1981	7,600	Tamil Nadu State Electricity Board
Tamil Nadu State Micro Hydro Power Stations Construction Project	Energy	2/23/1983	2,000	Tamil Nadu State Electricity Board
Tamil Nadu Small Scale Industries Development Project	Others	2/10/1988	3,198	Tamil Nadu Small Industries Development Corporation Limited
Basin Bridge Gas Turbine Project	Energy	3/27/1990	11,450	Tamil Nadu State Electricity Board
Bhavani Kattalai Barrage Hydro Electric Project (I)	Energy	3/27/1990	5,410	Tamil Nadu State Electricity Board
Chennai Sewerage Renovation and Functional Improvement Project	Water & Sanitation	2/28/1995	17,098	Chennai Metropolitan Water Supply and Sewerage Board
Tamil Nadu Afforestation Project	Forestry	2/25/1997	13,324	Department of Forest, Government of Tamil Nadu

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Tuticorin Port Dredging Project	Transportation	12/12/1997	7,003	Tuticorin Port Trust
Tamil Nadu Afforestation Project (II)	Forestry	3/31/2005	9,818	Department of Forest, Government of Tamil Nadu
Hogenakkal Water Supply and Fluorosis Mitigation Project	Water & Sanitation	3/10/2008	22,387	Tamil Nadu Water Supply and Drainage Board
Tamil Nadu Urban Infrastructure Project	Water & Sanitation	3/10/2008	8,551	Tamil Nadu Urban Development Fund
Chennai Metro Project	Transportation	11/21/2008	21,751	Chennai Metro Rail Limited
Hogenakkal Water Supply & Fluorosis Mitigation Project (Phase 2)	Water & Sanitation	3/31/2009	17,095	Tamil Nadu Water Supply and Drainage Board
Chennai Metro Project (II)	Transportation	3/31/2010	59,851	Chennai Metro Rail Limited
Tamil Nadu Biodiversity Conservation and Greening Project	Forestry	2/17/2011	8,829	Department of Forest, Government of Tamil Nadu
Tamil Nadu Transmission System Improvement Project	Energy	9/28/2012	60,740	Tamil Nadu Transmission Corporation Limited
Chennai Metro Project (III)	Transportation	3/28/2013	48,691	Chennai Metro Rail Limited
Tamil Nadu Investment Promotion Program	Regional Development	11/12/2013	13,000	Finance Department, Government of Tamil Nadu
Chennai Metro Project (IV)	Transportation	3/4/2016	19,981	Chennai Metro Rail Limited
Tamil Nadu Urban Health Care Project	Health	3/31/2016	25,537	Health and Family Welfare Department, Government of Tamil Nadu
Tamil Nadu Investment Promotion Program (Phase 2)	Regional Development	3/31/2017	22,145	Finance Department, Government of Tamil Nadu
Chennai Metro Project (V)	Transportation	3/31/2017	33,321	Chennai Metro Rail Limited
Project for Construction of Chennai Seawater Desalination Plant (I)	Water & Sanitation	3/29/2018	30,000	Chennai Metropolitan Water Supply and Sewerage Board

### PROJECTS IN INDIA

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Tamil Nadu Investment Promotion Program (Phase 2)	Regional Development	3/29/2018	8,082	Chennai Smart City Ltd
Project for Installation of Chennai Metropolitan Area Intelligent Transport Systems	Transportation	4/2/2018	8,082	Chennai Smart City Limited
Project for Construction of Chennai Seawater Desalination Plant (I)	Water & Sanitation	4/2/2018	30,000	Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB)
Chennai Metro Project (Phase 2) (I)	Transportation	12/21/2018	75,519	Chennai Metro Rail Limited (CMRL)
Chennai Peripheral Ring Road Project (Phase 1)	Transportation	1/18/2019	40,074	Highways and Minor Ports Department (HMPD)
<b>Tamil Nadu</b>			<b>630,537</b>	

Tripura Forest Environmental Improvement Project	Forestry	3/30/2007	7,725	Forest Department, Government of Tripura
Project for Sustainable Forest Management Project in Tripura	Forestry	10/30/2018	12,287	Tripura Forest Department (TFD)
<b>Tripura</b>			<b>20,012</b>	

Anpara B Thermal Power Station Construction Project	Energy	12/26/1984	24,100	Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited
Aonla Fertilizer Plant Project	Agriculture	2/26/1984	8,195	Indian Farmers Fertilizer Cooperative Limited
Aonla Fertilizer Plant Project (II)	Agriculture	11/25/1985	9,500	Indian Farmers Fertilizer Cooperative Limited
Aonla Fertilizer Plant Project (III)	Agriculture	12/18/1986	5,839	Indian Farmers Fertilizer Cooperative Limited
Anpara B Thermal Power Station Construction Project (II)	Energy	2/10/1988	14,295	Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited
Gorakhpur Fertilizer Plant Revamping/Rehabilitation Project	Agriculture	2/10/1988	2,635	The Fertilizer Corporation of India Limited

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Tourism Development Project	Others	12/15/1988	9,244	Ministry of Tourism
Anpara Power Transmission System Project (I)	Energy	6/13/1991	19,318	Uttar Pradesh Power Corporation Limited
Anpara B Thermal Power Station Construction Project (III)	Energy	1/23/1991	49,801	Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited
National Highway-2 Improvement Project	Transportation	1/9/1992	4,855	Ministry of Surface Transport
Anpara B Thermal Power Station Construction Project (IV)	Energy	12/3/1992	13,224	Uttar Pradesh Raj Vidyut Utpadan Nigam Limited
Anpara B Thermal Power Station Construction Project (V)	Energy	1/24/1994	17,638	Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited
Construction of a Bridge Over River Yamuna at Allahabad/ Naini With Approach Roads Project	Transportation	1/24/1994	10,037	Ministry of Road Transport and Highways
National Highway-24 Improvement Project	Transportation	2/28/1995	4,827	Ministry of Road Transport and Highways
Anpara Power Transmission System Project (II)	Energy	1/25/1996	12,020	Uttar Pradesh Power Corporation Limited
Ganga Action Plan Project (Varanasi)	Water & Sanitation	3/31/2005	11,184	National River Conservation Directorate, Ministry of Environment and Forests
Uttar Pradesh Buddhist Circuit Development Project	Others	3/31/2005	9,495	Ministry of Tourism, Government of India
Agra Water Supply Project	Water & Sanitation	3/30/2007	24,822	Uttar Pradesh Jal Nigam
Uttar Pradesh Participatory Forest Management and Poverty alleviation Project	Forestry	3/10/2008	13,345	Forest Department, Government of Uttar Pradesh
Agra Water Supply Project (II)	Water & Sanitation	3/31/2014	16,279	Uttar Pradesh Jal Nigam
<b>Uttar Pradesh</b>			<b>280,653</b>	

### PROJECTS IN INDIA

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Dhauliganga Hydroelectric Power Plant Construction Project (I)	Energy	1/25/1996	5,665	National Hydroelectric Power Corporation Limited
Dhauliganga Hydroelectric Power Plant Construction Project (II)	Energy	12/12/1997	16,316	National Hydroelectric Power Corporation Limited
Dhauliganga Hydroelectric Power Plant Construction Project (III)	Energy	3/31/2004	13,890	National Hydroelectric Power Corporation Limited
Uttarakhand Forest Resource Management Project	Forestry	4/11/2014	11,390	Forest Department, Government of Uttarakhand
<b>Uttarakhand</b>			<b>47,261</b>	
Calcutta Metro Railways (Phase II) Construction Project	Transportation	2/23/1983	4,800	Ministry of Railways, Railway Board
Teesta Canal Hydroelectric Project	Energy	12/18/1986	8,025	West Bengal State Electricity Distribution Company Limited
Haldia Port Modernization Project	Transportation	12/18/1986	3,791	Calcutta Port Trust
Purulia Pumped Storage Project (E/S)	Energy	2/10/1988	628	West Bengal State Electricity Distribution Company Limited
Modernization of the Hooghly Dock And Port Engineers Project	Transportation	12/15/1988	3,508	Hooghly Dock and Port Engineers Limited
Modernization Project of Burnpur Steel Works (E/S)	Energy	1/6/1989	5,546	Indian Iron and Steel Company Limited
Kolaghat Thermal Power Station Fly-ash Utilization Project (E/S)	Energy	3/27/1990	171	The West Bengal Power Development Corporation Ltd.
Teesta Canal Hydroelectric Project (II)	Energy	1/23/1991	6,222	West Bengal State Electricity Distribution Company Limited
Bakreswar Thermal Power Project	Energy	1/24/1994	27,069	The West Bengal Power Development Corporation Ltd.
Bakreswar Thermal Power Station Unit 3 Extension Project	Energy	2/28/1995	8,659	The West Bengal Power Unit 3 Extension Project
Purulia Pumped Storage Project	Energy	2/28/1995	20,520	West Bengal State Electricity Distribution Company Limited

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Industrial Pollution Control Project Sanitation	Water & Sanitation	2/28/1995	1,525	West Bengal and Central Pollution Control Board
Industrial Pollution Control Program	Water & Sanitation	2/28/1995	3,000	ICICI Bank Limited
West Bengal Transmission System Project (II)	Energy	2/25/1997	11,087	West Bengal State Electricity Distribution Company Limited
Calcutta Transport Infrastructure Development Project	Transportation	2/25/1997	10,679	Transport Department, Government of West Bengal
Bakreswar Thermal Power Station Project (II)	Energy	12/12/1997	34,151	The West Bengal Power Development Corporation Ltd.
Bakreswar Thermal Power Station Unit 3 Extension Project (II)	Energy	3/24/1999	11,537	The West Bengal Power Development Corporation Ltd.
West Bengal Transmission System Project (II)	Energy	5/10/2002	3,127	West Bengal State Electricity Transmission Company Limited
Bakreswar Thermal Power Station Units Extension Project	Energy	3/31/2003	36,771	The West Bengal Power Distribution Corporation Ltd.
Purulia Pumped Storage Project (II)	Energy	3/31/2004	23,578	West Bengal State Electricity Distribution Company Limited
Purulia Pumped Storage Project (III)	Energy	3/31/2006	17,963	West Bengal State Electricity Distribution Company Limited
Kolkata Solid Waste Management Improvement Project	Water & Sanitation	3/31/2006	3,584	Kolkata Metropolitan Development Authority
Kolkata East-West Metro Project	Transportation	3/10/2008	6,437	Kolkata Metro Rail Corporation Limited
Kolkata East-West Metro Project (II)	Transportation	3/31/2010	23,402	Kolkata Metro Rail Corporation Limited
West Bengal Forest and Biodiversity Conservation Project	Forestry	3/29/2012	6,371	West Bengal Forest Department, Government of West Bengal
West Bengal Piped Water Supply Project (Purulia)	Water & Sanitation	3/28/2013	14,225	Public Health Engineering Department, Government of West Bengal

### PROJECTS IN INDIA

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Kolkata East-West Metro Project (III)	Transportation	9/28/2018	25,903	Kolkata Metro Rail Corporation Limited (KMRCCL)
Project for the Construction of Turga Pumped Storage at Purulia District in West Bengal	Energy	11/2/2018	29,442	West Bengal State Electricity Distribution Company Limited (WBSEDCL)
<b>West Bengal</b>			<b>351,721</b>	
Dedicated Freight Corridor Project (Phase 1)	Transportation	10/27/2009	2,606	Ministry of Railways, Railway Board
Dedicated Freight Corridor Project (Phase 1) (II)	Transportation	3/31/2010	90,262	Ministry of Railways, Railway Board
Dedicated Freight Corridor Project (Phase 2)	Transportation	7/26/2010	1,616	Ministry of Railways, Railway Board
Dedicated Freight Corridor Project (Phase 2) (II)	Transportation	3/28/2013	136,119	Ministry of Railways, Railway Board
Dedicated Freight Corridor Project (Phase 1) (III)	Transportation	3/31/2016	103,664	Dedicated Freight Corridor Corporation of India Limited
Dedicated Freight Corridor Project (Procurement of Electric Locomotives)	Transportation	9/15/2017	108,456	Ministry of Railways, Railway Board
Construction of Training Institute for Mumbai-Ahmedabad High Speed Rail	Transportation	9/15/2017	10,453	National High Speed Rail Corporation Limited
Project for the Mumbai-Ahmedabad High-Speed Rail (MAHSR)	Transportation	9/28/2018	89,547	National High Speed Rail Corporation Limited (NHSRCL)
Project for the Construction of Mumbai-Ahmedabad High-Speed Rail (MAHSR)	Transportation	10/30/2018	150,000	National High Speed Rail Corporation Limited (NHSRCL)
<b>DMIC Area (Maharashtra, Gujarat, Rajasthan, Haryana, Delhi, Uttar Pradesh)</b>			<b>692,723</b>	
Rural Electrification Project	Energy	3/31/2006	20,629	Rural Electrification Corporation Limited
<b>Rural Electrification area (Andhra Pradesh, Telangana, Maharashtra, Madhya Pradesh)</b>			<b>20,629</b>	

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Yamuna Action Plan Project	Water & Sanitation	12/21/1992	17,773	Ministry of Environment and Forests
Yamuna Action Plan Project (II)	Water & Sanitation	3/31/2003	13,333	National River Conservation Directorate, Ministry of Environment and Forests (MOEF)
Yamuna Action Plan Project (III)	Water & Sanitation	2/17/2011	32,571	Delhi Jal Board
<b>Yamuna Action Plan area (Delhi, Haryana, Uttar Pradesh)</b>			<b>280,653</b>	
Northern India Transmission System Project	Energy	2/25/1997	8,497	Power Grid Corporation of India Limited
<b>Northern States</b>			<b>8,497</b>	
Commodity Loan	Others	3/31/1976	7,000	Department of Economic Affairs
Commodity Loan (II)	Others	3/3/1977	10,000	Department of Economic Affairs
Telecommunication Project	Others	4/5/1977	9,000	Department of Telecommunication, Ministry of Communications
Commodity Loan (III)	Others	8/19/1977	20,000	Department of Economic Affairs
Commodity Loan (IV)	Others	10/6/1978	6,000	Department of Economic Affairs
Telecommunication Project (II)	Others	5/8/1980	2,700	Department of Telecommunication, Ministry of Communications
Telecommunications Project (III)	Others	10/15/1981	5,000	Posts and Telegraphs Department, Ministry of Communications
Telecommunications Project (IV)	Others	10/15/1981	9,400	Posts and Telegraphs Department, Ministry of Communications
Indian Railways Development Projects	Transportation	5/14/1982	2,680	Ministry of Railways, Railway Board
Telecommunications Project (V)	Others	5/14/1982	6,000	Posts and Telegraphs Department, Ministry of Communications
Oil and Natural Gas Commission Offshore Supply Vessel Project	Transportation	2/23/1983	2,100	Oil and Natural Gas Commission
Ammonium Sulphate and Caprolactam Plant Project	Others	9/11/1984	10,200	The Fertilizers and Chemicals Travancore Limited

## PROJECTS IN INDIA

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Telecommunications Project (VI)	Others	9/11/1984	5,430	Department of Telecommunication, Ministry of Communications
Telecommunications Project (VII)	Others	12/26/1984	7,535	Department of Telecommunication, Ministry of Communications
Gas Pipeline Project	Energy	12/26/1984	20,000	The Gas Authority of India Limited
Telecommunications Project (VIII)	Others	11/25/1985	9,581	Department of Telecommunication, Ministry of Communications
Gas Pipeline Project (II)	Energy	11/25/1985	15,800	The Gas Authority of India Limited
Gas Pipeline Project (III)	Energy	12/18/1986	18,904	The Gas Authority of India Limited
Telecommunications Project (IX)	Others	12/18/1986	11,884	Department of Telecommunication, Ministry of Communications
Commodity Loan (V)	Others	12/21/1987	29,500	Department of Economic Affairs
Telecommunications Project (X)	Others	2/10/1988	3,337	Department of Telecommunication, Ministry of Communications
Small Scale Industries Development Program	Others	12/15/1988	19,500	Industrial Development Bank of India
Rolling Stock Workshop Modernization Project (I)	Transportation	3/27/1990	1,256	Ministry of Railways, Railway Board
Power System Improvement and Small Hydro Project	Energy	1/23/1991	24,379	Rural Electrification Corporation Ltd.
Quality Control of Health Technologies Project	Others	1/23/1991	7,964	National Institute of Biologicals
Small Scale Industries Development Program (II)	Others	1/23/1991	30,000	Ministry of Health and Welfare
Housing Program for Low and Medium Income Households	Others	1/23/1991	2,970	National Housing Bank
Emergency Commodity Loan	Others	5/31/1991	20,256	Department of Economic Affairs
Small Scale Industries Development Program (III)	Others	6/13/1991	20,256	Small Industries Development Bank of India
Hydrocarbon Sector Program	Energy	12/3/1992	33,085	Department of Economic Affairs
Small Scale Industries Development Program (IV)	Others	1/24/1994	30,000	Small Industries Development Bank of India
Urban Water Supply and Sanitation Improvement Program	Water & Sanitation	1/25/1996	8,670	Housing and Urban Development Corporation Ltd.

## ODA Loan Projects

PROJECT NAME	SECTOR	DATE OF LOAN AGREEMENT (MM/DD/YYYY)	LOAN AMOUNT MILLIONS JAPANESE YEN	EXECUTING AGENCY
Small Scale Industries Development Program (V)	Others	1/25/1996	30,000	Power Grid Corporation of India Limited (Power Grid)
Small Scale Industries Development Program (VI)	Others	12/12/1997	30,000	Small Industries Development Bank of India
Capacity Development For Forest Management and Personnel Training Project	Forestry	11/21/2008	5,241	Ministry of Environment and Forests
Micro, Small And Medium Enterprises Energy Saving Project	Energy	11/21/2008	30,000	Small Industries Development Bank of India
Micro, Small and Medium Enterprises Energy Saving Project (phase 2)	Energy	6/16/2011	30,000	Small Industries Development Bank of India
New and Renewable Energy Development Project	Energy	6/16/2011	30,000	Indian Renewable Energy Development Agency Limited
Micro, Small and Medium Enterprises Energy Saving Project (Phase 3)	Energy	9/1/2014	30,000	Small Industries Development Bank of India
New and Renewable Energy Development Project (Phase 2)	Energy	9/1/2014	30,000	Indian Renewable Energy Development Agency Limited
Public-Private Partnership Infrastructure Financing Project	Others	3/11/2016	50,000	India Infrastructure Finance Company Limited (IIFCL)
North East Road Network Connectivity (NHIDCL) Improvement Project (Phase 1) (I)	Transportation	3/31/2017	67,170	National Highways and Infrastructure Development Corporation Ltd.
North East Road Network Connectivity Improvement Project (Phase 2)	Transportation	3/29/18	38,666	National Highways and Infrastructure Development Corporation Ltd.
North East Road Connectivity Project (Phase 2)	Transportation	4/2/2018	38,666	National Highways and Infrastructure Development Corporation Limited (NHIDCL)
North East Road Connectivity Project Phase-III (Tranche I)	Transportation	10/30/2018	25,483	National Highways and Infrastructure Development Corporation Limited (NHIDCL)
Project for Dairy Development	Others	12/21/2018	14,978	National Dairy Development Board (NDDB)
Program for Japan-India Cooperative Actions towards Sustainable Development Goals in India	Others	1/18/2019	15,000	NITI Aayog
<b>All India</b>			<b>875,591</b>	

### PROJECTS IN INDIA

# Grant Aid Projects



## Grant Aid Projects

PROJECT NAME	STATE	SECTOR	FISCAL YEAR OF GRANT AGREEMENT	GRANT AMOUNT (MILLIONS) JAPANESE YEN
Fishery Survey and Training Project	Kerala	Fisheries	1979	600
The Project for Manufacturing the Japanese Encephalitis Vaccine	Himachal Pradesh	Health	1981	300
Small Scale Fisheries Modernization Project	Kerala	Fisheries	1984	410
The Project of the Improvement of Medical Equipment for Regional Cancer Centers (Part I)	Delhi	Health	1984	500
The Project for the Improvement of Education and Research Equipment of the University of Delhi	Delhi	Education	1984	500
Aid for Increased Food Production	All India	Agriculture	1985	1,200
Aid for Increased Food Production	All India	Agriculture	1986	600
The Procurement project of Medical Equipment for Sanjay Gandhi Graduate Institute of Medical Sciences	Uttar Pradesh	Health	1986, 87	3,319
Aid for Increased Food Production	All India	Agriculture	1988	600
Equipment Supply for the Improvement of Training and Testing Equipment of the Farm Machinery	Madhya Pradesh	Agriculture	1988	371
The Fisheries Resources Survey Project	Kerala	Fisheries	1988	911
The Project of Improvement of Educational Technology Equipment of the Indira Gandhi National Open University (IGNOU)	Delhi	Education	1988	611

### PROJECTS IN INDIA

## Grant Aid Projects

PROJECT NAME	STATE	SECTOR	FISCAL YEAR OF GRANT AGREEMENT	GRANT AMOUNT (MILLIONS) JAPANESE YEN
The Project of the Improvement of Medical Equipment for Regional Cancer Centers (Part II)	Delhi	Health	1988, 89	1,765
Aid for Increased Food Production	All India	Agriculture	1989	1,200
Aid for Increased Food Production	All India	Agriculture	1990	600
The Project for Provision of Programme Production Equipment for Mass Communication Research Centre in Jamia Millia Islamia (Central University)	Delhi	Education	1990	981
The Expansion of Net Making Machine Project	Kerala	Fisheries	1990	375
The Project for Exploitation of Ground Water	All India	Urban and Regional Development	1990	906
The Project for the Improvement of Fire Fighting Rescue Equipment	Delhi, Maharashtra, West Bengal	Disaster Management	1990	370
Aid for Increased Food Production	All India	Agriculture	1991	600
Project for Providing Equipment for the Government College of Engineering, Pune	Maharashtra	Education	1991	719
Aid for Increased Food Production	All India	Agriculture	1992	600
The Project for Upgrading Training Equipment for Nautical and Marine Engineering Education	Maharashtra	Education	1992, 93	1,890
Aid for Increased Food Production	All India	Agriculture	1993	700

## Grant Aid Projects

PROJECT NAME	STATE	SECTOR	FISCAL YEAR OF GRANT AGREEMENT	GRANT AMOUNT (MILLIONS) JAPANESE YEN
The Project for Improvement of Educational Media Production Facilities of Indira Gandhi National Open University (IGNOU)	Delhi	Education	1993, 94	2,276
Aid for Increased Food Production	All India	Agriculture	1994	700
The Project for Acquisition of Fishing Vessels for Deep Sea and Offshore Fisheries	Maharashtra	Fisheries	1994	947
Augmentation of the Medical Services in the Institute of Medical Sciences, Banaras Hindu University	Uttar Pradesh	Health	1994	1,058
The Project for the Improvement of Medical Equipment at Osmania General Hospital	Andra Pradesh	Health	1994	757
The Project for Exploitation of Ground Water	All India	Urban and Regional Development	1994	1,005
The Project for Construction of the Nizamuddin Bridge	Delhi	Transportation	1994	2,778
The Project for Development of Quality Seed	Delhi, Haryana	Agriculture	1995	662
Aid for Increased Food Production	All India	Agriculture	1995	500
The Project for Exploitation of Ground Water	All India	Urban and Regional Development	1995	244
The Improvement of Kalawati Saran Children's Hospital	Delhi	Health	1995, 97	1,711

### PROJECTS IN INDIA

## Grant Aid Projects

PROJECT NAME	STATE	SECTOR	FISCAL YEAR OF GRANT AGREEMENT	GRANT AMOUNT (MILLIONS) JAPANESE YEN
Aid for Increased Food Production	All India	Agriculture	1996	500
Aid for Increased Food Production	All India	Agriculture	1997	300
The Project for Construction of the Dredger for Minor Fisheries Harbours	All India	Fisheries	1997	1,248
The Project for the Improvement of Medical Equipment for the Institute of Child Health and Hospital for Children	Tamil Nadu	Health	1997	667
The Project for Improvement of Medical Equipment for Sir J.J. Hospital and Cama & Albless Hospital	Maharashtra	Health	2003	844
The Project for founding a Collaborative Diarrheal Diseases Research and Control Center	West Bengal	Health	2004	2,134
The Project for Development of Ground Water in the State of Uttar Pradesh	Uttar Pradesh	Urban and Regional Development	2005	630
The Project for Improvement of Sadar Vallabh Patel Post Graduate Institute of Paediatrics , Orissa State	Orissa	Health	2005	830
The Project for Eradication of Poliomyelitis (via UNICEF)	Assam and West Bengal	Health	2009	205
The Project for Eradication of Poliomyelitis (via UNICEF)	Assam and West Bengal	Health	2009	205
The Project for Eradication of Poliomyelitis (via UNICEF)	Assam and West Bengal	Health	2010	192

## Grant Aid Projects

PROJECT NAME	STATE	SECTOR	FISCAL YEAR OF GRANT AGREEMENT	GRANT AMOUNT (MILLIONS) JAPANESE YEN
Project for Enhancement of International Collaboration in Open and distance learning through ICT at electronic and Media production Centre of India Ghandhi National Open University (IGNOU)	Delhi	Education	2010	787
The Project for Eradication of Poliomyelitis (via UNICEF)	West Bengal	Health	2011	120
The Project for Improvement of the Institute of Child Health and Hospital for Children, Chennai	Tamil Nadu	Health	2013	1,495
The Project for Construction of the International Cooperation and Convention Center in Varanasi	Uttar Pradesh	Others	2017	2,240
The Project for Implementation of Advanced Traffic Information and Management System in Core Bengaluru	Karnataka	Transportation	2018	1,276

# Technical Cooperation Projects, Development Studies and others



## Technical Cooperation Projects, Development Studies and others

PROJECT NAME	STATE	SECTOR	DURATION (FISCAL YEAR)	TYPE OF COOPERATION
Indo-Japanese Agricultural Demonstration Farm Project	Orissa	Agriculture	1961-1975	Technical Cooperation Project
Indo- Japanese Agricultural Extension Centers	All India	Agriculture	1966-1975	Technical Cooperation Project
Dandakaranya Development Project (Indo-Japanese Agricultural Development)	Karnataka	Agriculture	1969-1975	Technical Cooperation Project
Leprosy Research Project	Uttar Pradesh	Health	1972-1976	Technical Cooperation Project
Japanese Encephalitis Vaccine Production Project	Himachal Pradesh	Health	1981-1987	Technical Cooperation Project
Feasibility Study on the Modernization of Burnpur works of Indian Iron and Steel Co. Ltd (IISCO) in India	West Bengal	Private Sector Development	1986-1987	Development Study
Modernization of Rolling Stock Workshop	Tamil Nadu, Bihar	Transportation	1986-1987	Development Study
Railway Improvement Plan of Transport Capacity and Train Speed on the Delhi-Kanpur Section	Delhi, Uttar Pradesh	Transportation	1986-1987	Development Study
Development of Calcutta and Haldia Dock Systems of Calcutta Port Trust	West Bengal	Transportation	1987-1989	Development Study
Development Plan for the New Delhi Railway Station	Delhi	Transportation	1988-1989	Development Study
Improvement Plan of New Mangalore	Karnataka	Transportation	1988-1990	Development Study
Irrigation and Drainage Development Project of Sharda Canal CAD Project	Uttar Pradesh	Agriculture	1989-1991	Development Study
Pre-feasibility Study on The Solvent Refined Coal Development Project	All India	Private Sector Development	1989-1992	Development Study
Study on HMT Restructuring and Development Program	All India	Private Sector Development	1990-1992	Development Study
Transport Infrastructure Development Project in Calcutta	West Bengal	Transportation	1990-1992	Development Study
Sanjay Gandhi Post Graduate Institute of Medical Sciences Project	Uttar Pradesh	Health	1990-1997	Technical Cooperation Project
Project for Bivoltine Sericulture Technology Development	Karnataka	Agriculture	1991-1997	Technical Cooperation Project

### PROJECTS IN INDIA

## Technical Cooperation Projects, Development Studies and others

PROJECT NAME	STATE	SECTOR	DURATION (FISCAL YEAR)	TYPE OF COOPERATION
Master Plan and Feasibility Study on Industrial Model Town	Haryana	Private Sector Development	1993-1995	Development Study
Master Plan Study on Pumped Storage Hydroelectric Power Development in Maharashtra	Maharashtra	Energy	1993-1997	Development Study
Rehabilitation of Minor Irrigation Tanks for Rural Development in Tamil Nadu	Tamil Nadu	Agriculture	1996-1997	Development Study
Study on Development of the Port of Mumbai	Maharashtra	Transportation	1996-1997	Development Study
Feasibility Study on National Highway Bypasses	West Bengal	Transportation	1996-1998	Development Study
Project for Promoting of Popularising the Practical Bivoltine Sericulture Technology	Karnataka	Agriculture	1997-2002	Technical Cooperation Project
Project on the Expressway Corridors in the National Capital Region	All India	Transportation	1998-1999	Development Study
Project for Prevention of Emerging Diarrhoeal Diseases	West Bengal	Health	1998-2003	Technical Cooperation Project
Development Study on Reproductive Health in the State of Madhya Pradesh	Madhya Pradesh	Health	2000-2002	Development Study
Reconstruction Support for the Gujarat-Earthquake Disaster in the Devastated Areas in India	Gujarat	Disaster Management	2001-2002	Development Study
Gujarat Environmental Health Improvement Programme	Gujarat	Water & Sanitation	2002-2005	Technical Cooperation Project
Project for Strengthening Extension System for Bivoltine Sericulture	Karnataka, Andhra Pradesh, Tamil Nadu	Agriculture	2002-2007	Technical Cooperation Project
Development Study on the Improvement of Power Distribution System of Andhra Pradesh	Andhra Pradesh	Energy	2003-2005	Development Study
Study on Water Quality Management Plan for Ganga River	Ganga Basin	Urban and Regional Development	2003-2005	Development Study
Project for Prevention of Diarrhoeal Diseases (Phase II)	West Bengal	Health	2003-2008	Technical Cooperation Project
Study on Augmentation of Water Supply and Sanitation for the Goa State	Goa	Urban and Regional Development	2004-2006	Development Study
Expressway/Highway Planning, Construction, Operation and Maintenance	All india	Transportation	2004-2006	Technical Cooperation Project

## Technical Cooperation Projects, Development Studies and others

PROJECT NAME	STATE	SECTOR	DURATION (FISCAL YEAR)	TYPE OF COOPERATION
River & Lake Water Pollution Control for National River Control Directorate	Delhi	Urban and Regional Development	2004-2006	Technical Cooperation Project
Study on the Construction of Raichak - Kukurahati Bridge in India	West Bengal	Transportation	2005-2006	Development Study
Reproductive Health and Women's Empowerment in the State of Madhya Pradesh	Madhya Pradesh	Health	2005-2006	Technical Cooperation Project
Restoration and Management of Hussainsagar Lake	Andhra Pradesh	Urban and Regional Development	2005-2008	Technical Cooperation Project
Feasibility Study on the Development of Dedicated Multimodal High Axle Load Freight Corridor with Computerised Control for Delhi-Mumbai and Delhi-Howrah	DMIC Area	Transportation	2006-2007	Development Study
Improvement of Total Quality Management courses for IIT Kanpur and curriculum development for IIIT Jabalpur	UP	Education	2006-2007	Dispatch of Expert
Diversified Agriculture for Enhanced Farm Income in the State of Himachal Pradesh	Himachal Pradesh	Agriculture	2006-2008	Development Study
Project for Conservation and Wise Use of Natural Resource of the Chilika Lagoon thorough Community Participation	Orissa	Natural Environment Conservation	2006-2009	Technical Cooperation Project
Reproductive Health and Women's Empowerment in the State of Madhya Pradesh (Phase II)	Madhya Pradesh	Health	2006-2010	Technical Cooperation Project
Technical Cooperation Project on the Assistance in Proof Examination for Running Stability of Dedicated Freight Corridor Transportation	DMIC Area	Transportation	2007-2008	Technical Cooperation Project
Rolling Stock Maintenance	Delhi	Transportation	2007-2008	Dispatch of Expert
Operational Safety	Delhi	Transportation	2007-2008	Dispatch of Expert
Capacity Development Project on Sustainable Development of Expressways	All india	Transportation	2007-2011	Technical Cooperation Project
Project for Visionary Leaders for Manufacturing (VLFM) Program	All India	Private Sector Development	2007-2012	Technical Cooperation Project
Capacity Development Project on Sustainable Development of Expressways	All India	Transportation	2007-2010	Technical Cooperation Project
Capacity Building of Sewerage Works in India	All India	Urban and Regional Development	2007-2011	Technical Cooperation Project
Training on Rolling Stock Maintenance and Operational Safety	Delhi	Transportation	2008-2008	Third Country Training
Trainig on Tourism Promotion of Buddhist Circuit Operational Safety	Delhi, Mumbai	Tourism	2008-2008	Third Country Training
Expert on tourism promotion of Buddhist Circuit	Delhi, Bihar	Tourism	2008-2009	Dispatch of Expert
Andhra Pradesh Irrigation Water Management Improvement Project	Andhra Pradesh	Agriculture	2008-2010	Technical Cooperation Project

### PROJECTS IN INDIA

## Technical Cooperation Projects, Development Studies and others

PROJECT NAME	STATE	SECTOR	DURATION (FISCAL YEAR)	TYPE OF COOPERATION
Study on Enhancing Efficiency of Operating Thermal Power Plants in NTPC-India	All India	Energy	2008-2010	Development Study
Energy Conservation Technique	All India	Energy	2008-2013	Country focused training
Third Country Training Programme on Bivoltine Sericulture Technology	Karnataka	Agriculture	2008-2011	Third Country Training
Study on Improvement of Water Supply in Delhi	Delhi	Urban and Regional Development	2009-2010	Development Study
Advisor for Securitization and Asset Reconstruction	All India	Private Sector Development	2009-2010	Dispatch of Expert
The Assistance for the Introduction of ITS related to Hyderabad Outer Ring Road Construction Project	Andhra Pradesh	Transportation	2009-2013	Technical Cooperation Project
Project for Capacity Building of State Forest Training Institutions and State Forest Service Colleges	All India	Natural Environment Conservation	2009-2014	Technical Cooperation Project
Advisors for Credit Guarantee Management, Asset Reconstruction and Securitization for Micro, Small and Medium Enterprises	Mumbai	Private Sector Development	2010-2010	Dispatch of Expert
Study for Formulation and Revision of Manuals on Sewerage and Sewage Treatment	All India	Urban and Regional Development	2010-2013	Technical Cooperation Project
Research Partnership for the Application of Low Carbon Technology for Sustainable Development	Delhi, Gujarat, Haryana	Energy	2010-2014	SATREPS*
Project for Information Network of Natural Disaster Mitigation and Recovery (DISANET)	All India	Disaster Management	2010-2015	SATREPS*
Advisor for Expressway Policy	All India	Transportation	2010-2012	Dispatch of Expert
Advisor for Capacity Development in Developing Expressways	All India	Transportation	2011-2012	Dispatch of Expert
Technical Advisor in the Sewerage Sector	All India	Water	2011-2014	Dispatch of Expert
Project for Capacity Development on Non Revenue Water (NRW) Reduction in Goa	Goa	Water	2011-2014	Technical Cooperation Project
Campus Development Project for Indian Institute of Technology, Hyderabad through Academic Exchange and Interdisciplinary Collaboration	Andhra Pradesh	Education	2011-2014	Technical Cooperation Project
Technical Cooperation Project for Crop Diversification in Himachal Pradesh	Himachal Pradesh	Agriculture	2010-2015	Technical Cooperation Project
Technical Cooperation Project for Maximizing of Soybean Production in Madhya Pradesh	Madhya Pradesh	Agriculture	2011-2016	Technical Cooperation Project
UASB-DHS Integrated System- A Sustainable Sewage Treatment Technology	Uttar Pradesh	Water	2011-2016	SATREPS*

\*SATREPS (Science and Technology Research Partnership for Sustainable Development)

## Technical Cooperation Projects, Development Studies and others

PROJECT NAME	STATE	SECTOR	DURATION (FISCAL YEAR)	TYPE OF COOPERATION
Project for Future Researchers at IIT Hyderabad to Enhance Network Development with Scholarship of Japan (FRIENDSHIP)	Andhra Pradesh	Education	2011-2020	Technical Cooperation Project
Training Program in Japan on High Speed Railway of India	All India	Transportation	2012-2012	Third Country Training
Advisor on Integrated Development of Smart and Green Urban Transport Infrastructure (ITS Expert)	All India	Transportation	2012-2013	Dispatch of Expert
Advisor on Infrastructure Development and Investment Promotion	All India	Private Sector Development	2012-2014	Dispatch of Expert
Short-term Experts on the Rehabilitation of Longer Bridges	All India	Transportation	2013-2013	Dispatch of Expert
Road Safety and Data Management	All India	Transportation	2013-2013	Dispatch of Expert
Comprehensive Integrated Master Plan for Chennai-Bangaluru Industrial Corridor	Tamil Nadu, Karnataka, Andhra Pradesh	Industry Development	2013-14	Study
Institutional development project on the Supervision for Highway and Expressway Operation, Maintenance and Management	All India	Transportation	2013-2015	Technical Cooperation Project
The Study on Development and Management of Land and Water Resources for Sustainable Agriculture in Mizoram	Mizoram	Agriculture	2013-2015	Development Study
Project on Champions for Societal Manufacturing	All India	Private Sector Development	2013-2015	Technical Cooperation Project
Joint Feasibility Study for Mumbai -Ahmedabad High Speed Railway Corridor	Maharashtra, Gujarat	Transportation	2013-2015	Development Study
Master Plan Study on the Introduction of Intelligent Transport System (ITS) in Bangaluru and Mysore	Karnataka	Transportation	2013-15	Development Study
Capacity Development Project for Non Revenue Water Reduction in Jaipur	Rajasthan	Water	2013-2016	Technical Cooperation Project
The Assistance Related to Delhi Water Supply Improvement Project	Delhi	Water	2013-2017	Technical Cooperation Project

### PROJECTS IN INDIA

\*SATREPS (Science and Technology Research Partnership for Sustainable Development)

## Technical Cooperation Projects, Development Studies and others

PROJECT NAME	STATE	SECTOR	DURATION (FISCAL YEAR)	TYPE OF COOPERATION
Training on Energy Conservation Technique	All India	Energy	2014-2016	Country focused training
Project for Improvement of Chennai Port Operation	Tamil Nadu	Transportation	2014-2017	Dispatch of Expert
Hospital Management	Tamil Nadu	Health	2015-2018	Third Country Training
Training Course for the Specialist of Nosocomial Infection Control and Prevention	Tamil Nadu	Health	2015-2018	Third Country Training
Adviser on Investment Promotion	All India	Private Sector Development	2015-2018	Dispatch of Expert
Training Program for Young Officials of the Ministry of Railways	All India	Education	2016-2018	Country Focused Training
Capacity Development Project for Highways in Mountainous regions	All India	Transportation	2016-2021	Technical Cooperation Project
Technical cooperation Project for Crop Diversification Promotion Project (Phase2)	HP	Agriculture	2016-2021	Technical Cooperation Project
Country-Focused Training of Senior / Middle Level Engineers Engaged in Water Resources Development at Central Government as well as in Various State Governments	All India	Agriculture / Water	2016-2021	Country Focused Training
Comprehensive Traffic and Transportation Study in Capital Region of Andhra Pradesh Capital Region Development Authority Jurisdiction	Andhra Pradesh	Transportation	2017-2019	Development Study
Project for Crop Diversification Phase II	Himachal Pradesh	Agriculture	2017-2021	Technical Cooperation Project
Project for Smart Cities for Emerging Countries Based on Sensing, Network and Big Data Analysis of Multimodal Regional Transport Systema	Telangana and Gujarat	Transportation	2017-2022	SATREPS*
The Project for Natural Disaster Management in Forest Areas in Uttarakhand	UK	Forestry	2017-2022	Technical Cooperation Project
Project on Capacity Enhancement for Sustainable Agriculture and Irrigation Development	Mizoram	Agriculture	2017-2023	Technical Cooperation Project

\*SATREPS (Science and Technology Research Partnership for Sustainable Development)

# JICA Partnership Program (JPP) Projects



## JICA Partnership Program (JPP) Projects

PROJECT NAME	NGO (JAPAN)	NGO (INDIA)	PLACE	DURATION
Creation of new type of producer-consumer relationship and common property resources through the linkage of urban-rural women Selp-Help groups	Society for mutual aid networking environment education development (SOMNEED)	Mahila Action	Visakhapatnam, Andhra Pradesh	2004.07-2007.06
Improvement of extension system for sustainable integrated agriculture and agricultural extension workers' training at grass roots level for small-scale farmers in North India	Asian Rural Institution (ARI)	College of Continuing and Non-Formal Education, Allahabad Agricultural Institute-Deemed University	Allahabad, Uttar Pradesh	2004.07-2007.06
Project for the improvement of sanitation and raising of community consciousness in public primary schools in India	Terra People Act Kanagawa (TPAK)	Mamta Samajik Sanstha	Chamoli, Uttarakhand	2005.07-2007.06
Green house community service	Miyazaki International Volunteer Centre (MIVC)	Dr. Graham's Homes (DGH)	Kalimpong, West Bengal	2005.11-2008.10
Ecologically sustainable rural development through community participation with a focus to women's empowerment	Live with Friends on Earth (LIFE)	Mysore Resettlement and Development Agency (MYRADA)	Hospet, Karnataka	2006.10-2009.10
Micro-watershed management with local initiatives	Society for mutual aid networking environment education development (SOMNEED)	SOMNEED India	Srikakulam, Andhra Pradesh	2007.08-2010.07
Education and human resource development in health and hygiene	India Welfare Village Society (IWVS)	Ananda Mission Charitable Trust (AMCT)	Kushinagar, Uttar Pradesh	2007.09-2010.08
Integrated approach for arsenic mitigation	Miyazaki University	Eco-Friends Society	Bahraich, Uttar Pradesh	2008.06-2010.05
Rural development for poverty reduction	Institute of Cultural Affairs (ICA Japan)	ICA India	Pune, Maharashtra	2008.10-2011.10
Regional horticulture promotion project	Miyazaki International Volunteer Centre (MIVC)	Dr. Graham's Homes (DGH)	Kalimpong, West Bengal	2009.04-2012.04

## JICA Partnership Program (JPP) Projects

PROJECT NAME	NGO (JAPAN)	NGO (INDIA)	PLACE	DURATION
Adolescent girls self-sufficiency support project in the State of Uttarakhand in Northern India : To establish gender resource centre and raise peer educators in District Dehradun	Terra People Act Kanagawa (TPAK)	Mamta Samajik Sanstha	Dehradun, Uttarakhand	2009.05-2012.04
Practical farmers' education project for improvement of quality of life among marginal and small-scale farmers in Northern India	Asian Sustainable Holistic Approach (ASHA)	College of Continuing and Non-Formal Education, Allahabad Agricultural Institute-Deemed University	Allahabad, Uttar Pradesh	2009.07-2012.06
Regional development project through self-help and leadership training in Kovalam, Kanchipuram District, Tamil Nadu	Institute of Buddhism and Economics, Komazawa University (IBEKU)	Coastal and Rural Development Trust (CRDT)	Kanchipuram, Tamil Nadu	2009.07-2011.03
Improvement of rural nutrition and child and mother care in North India	Asian Sustainable Holistic Approach (ASHA)	College of Continuing and Non-Formal Education, Allahabad Agricultural Institute-Deemed University	Allahabad, Uttar Pradesh	2010.01-2012.3
Establishment of a health camp and mobile centre for health, hygiene and gender improvement among women in Northern India	Terra People Act Kanagawa (TPAK)	Mamta Samajik Sanstha	Chamoli, Uttarakhand	2010.03-2012.02
Enforcement of micro-credit for the residents BPL (Below Poverty Line) of suburban Vishakhapatnam	Society for Mutual aid Networking Environment Education Development (SOMNEED)	SOMNEED India	Visakhapatnam, Andhra Pradesh	2010.03-2011.02
Extensive Arsenic Mitigation Project in Collaboration with Government in Uttar Pradesh state in India	Miyazaki University	Eco-Friends Society	Newada and Chetra, Tejawapur, Bahraichi, Uttar Pradesh	2011.03-2013.03
Project plan to develop music instructors for cultivating slum childrens self-reliance	Hikari-No-Onpu (Sur Deep in Hindi)	Bombay Leprosy Project	Mumbai, Maharashtra	2011.01-2013.12

### PROJECTS IN INDIA

## JICA Partnership Program (JPP) Projects

PROJECT NAME	NGO (JAPAN)	NGO (INDIA)	PLACE	DURATION
Optimal Utilization of Command Area through Diversified Integrated Farming System (DIFS)-Advanced Micro Watershed Management with Local Initiatives	Society for Mutual aid Networking Environment Education Development (SOMNEED)	SOMNEED India	Srikakulam, Andhra Pradesh	2011.09-2015.08
Intensification of villagers' and women's empowerment in rural area	Institute of Cultural Affairs (ICA Japan)	ICA India	Pune, Maharashtra	2011.12-2013.11
Regional horticulture promotion project	Miyazaki International Volunteer Centre (MIVC)	Dr. Graham's Homes (DGH)	Kalimpong, West Bengal	2012.07-2014.06
Improvement of integrated mother and child health by collaboration between government health staff and rural health volunteers	Asian Sustainable Holistic Approach (ASHA)	College of Continuing and Non-Fomal Education, Allahabad Agricultural Institute-Deemed University	Allahabad, Uttar Pradesh	2013.01-2017.12
Vocational education support for the visually impaired	Special Needs Education School for the Visually Impaired, Univ. of Tsukuba	NIVH (National Institute for the Visually Handicapped) NAB (National Association for the Blind)	Ahmedabad, Gujarat and Dehradun, Uttarakhand	2013.01-2016.01
Women's safety net project	Terra People Act Kanagawa (TPAK)		Dehradun, Uttarakhand	2014.11-2019.10
Project for Supporting for tourism development in the State of Maharashtra, India	Wakayama Prefectural Government	Maharashtra Tourism Development Corporation (MTDC)	Aurangabad, Maharashtra	2015.03-2017.03
The Project on prevention and control of diabetes in rural area in India	Special Nonprofit Corporation, India Welfare Village Society	Ananda Mission Charitable Trust	Kushinagar, Jttar Pradesh	2018.2.1-2021.1.31



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