



# निर्माण भारती

केन्द्रीय लोक निर्माण विभाग

## Nirman Bharati

Central Public Works Department



*Innovative Development for a New India*

*Celebrating*  
**165<sup>th</sup>**  
**CPWD DAY**

12 July, 2019



## The Genesis of Central Public Works Department

Public Works Department was formally established in the year 1854 in the sixth year of Lord Dalhousie's tenure as Governor General. In the minutes of meeting held on 12<sup>th</sup> July, 1854 the Governor General resolve that a central agency be provided by creating an office of Secretary to the Government of India in Department of Public Works. The note recorded by Lord Dalhousie was as under:

*"...The organization of the Department of Public Works in the Indian Empire will be incomplete unless it shall be provided for the Supreme Government itself come agency by which it may be enabled to exercise the universal control confided to it over public works in India with the best of scientific knowledge with authority and system.*

*The Government of India shall no longer be dependent on expedients, but should be provided with a permanent and highly qualified agency to assist in the direction of this important branch of public affairs.*

*I have, therefore, now to propose that such an agency should be provided by creating an office of the Secretary to Government of India in the Department of Public Works. The person who holds it should always be a highly qualified officer of the Corps of Engineers. He should have the aid of an Assistant Secretary, also an officer of the Corps of Engineers. His salary I think should not be less than that of the Secretary to the Government of Bengal, namely Rs.3,000 per month and the salary of the Assistant should not be less than that of the Assistant Secretary in Military Department..."*

Colonel W.E.Baker of the Bengal Engineers was accordingly appointed first Secretary to the Department of Public Works, this is the genesis of the Central Public Works Department.



हरदीप एस पुरी  
HARDEEP S PURI



आवासन और शहरी कार्य राज्य मंत्री (स्वतंत्र प्रभार)  
नागर विमानन राज्य मंत्री (स्वतंत्र प्रभार)  
वाणिज्य एवं उद्योग राज्य मंत्री  
भारत सरकार

Minister of State (I/C), Housing & Urban Affairs  
Minister of State (I/C), Civil Aviation  
Minister of State, Commerce & Industry  
Government of India



Message

It gives me immense pleasure to know that the Central Public Works Department is celebrating its 165<sup>th</sup> Annual Day on 12 July 2019 and on this occasion CPWD is bringing out a special issue 'Nirman Bharti' highlighting the activities and achievements of the Department.

It is a matter of satisfaction that CPWD, which is one of the oldest Government Engineering Organizations of the country, has successfully adapted and transformed itself to the present day demands and challenges. I compliment the entire team of Central Public Works Department for their dedication and commitment.

I will also take this opportunity to urge the entire team of CPWD to take up newer challenges especially in the area of new and alternate construction technologies. Organizations that stagnate will perish. It is imperative that Central Public Works Department adapt to the changing environment with skill, speed and efficiency.

I wish all success to CPWD on the occasion of its 165<sup>th</sup> Annual Day.

New Delhi  
08 July 2019

(Hardeep S Puri)



दुर्गा शंकर मिश्र  
सचिव  
**Durga Shanker Mishra**  
Secretary



भारत सरकार  
आवासन और शहरी कार्य मंत्रालय  
निर्माण भवन, नई दिल्ली-110011  
Government of India  
Ministry of Housing and Urban Affairs  
Nirman Bhawan, New Delhi-110011


### MESSAGE

On the occasion of 165<sup>th</sup> Annual day of Central Public Works Department, I convey my warm greetings and best wishes to entire CPWD family. It is encouraging to learn that on this occasion, a special issue 'Nirman Bharati' highlighting the activities and achievements of the Department is being brought out by CPWD.

I am happy to note that CPWD under the leadership of Shri Prabhakar Singh, Director General, CPWD has transformed drastically and emerged as a most modern, proficient and effective Engineering Organization of Government of India. It is performing very well in all spheres of its activities and transforming expectations of its large clientele with regard to their built requirements into a tangible reality, well within time, quality and fiscal prudence.

I welcome the move of the CPWD in taking up the theme of 'Innovative Development for a New India' for this year's Annual Day Celebrations. CPWD being an Principal Engineering Organization and Technical Advisor to Government of India must develop and adopt more and more new energy efficient building materials and technologies in its construction so that sustainable and environment friendly habitat could be built in the country at affordable cost.

I wish all success to CPWD on the occasion of its 165<sup>th</sup> Annual Day and call upon all CPWD officers and staff to work with full commitment and dedication and take their Department to greater heights.

  
(DURGA SHANKER MISHRA)



**PRABHAKAR SINGH**  
Director General



भारत सरकार  
Government of India



केन्द्रीय लोक निर्माण विभाग  
निर्माण भवन, नई दिल्ली-110011  
Central Public Works Department  
Nirman Bhawan, New Delhi-110011  
Tel : 23062556/1317, Fax : 23061884  
E-mail : cpwd\_dgw@nic.in

### MESSAGE

On the occasion of 165<sup>th</sup> Annual Day of CPWD, I convey my warm greetings and best wishes to you all and your families. July 12 is the day, when our Department came into existence 165 years ago in the year 1954. It is therefore apt that we rejoice our industrious and progressive journey of achievements and successes together on this auspicious Day.

I take this opportunity to extend my heartiest thanks and gratitude to our large esteemed clientele for reposing their faith on us. I assure that CPWD shall continue to provide the requisite engineering services to them to their best satisfaction.

With the able support and guidance of Ministry, we are proactively moving towards the path of transformation, innovation, delivery and image building of the Department on mission mode. Our Department has undergone an unprecedented paradigm shift in its functioning and a new period of accelerated positive change has been perceived by one and all. Department has picked up the momentum of growth keeping its vision and mission clear and focused and transformed as a modern, efficient and delivery oriented organization. CPWD has become the most coveted destination for the Government Departments/PSUs/Autonomous Bodies for catering to their built requirements. Achievements and activities of CPWD have been significant in terms of human resource management, speedier and quality construction, adoption of new technologies, completion of projects on time with quality and economy, adding new clients, signing new MoUs, implementing new policy initiatives for the growth of Department.


In the recent past, we did pioneering work in formulation of standards, specifications and systems, which are followed by the entire construction sector. We have brought new Works Manual, Schedule of Rates, Green Rating Manual and many other useful publications.

This year we have chosen 'Innovative Development for a New India' as the theme for our Annual Day Celebrations. We are already committed to keep pace with the technological advancement and adopt sustainable, energy efficient and new emerging green and clean technologies in our construction activities. We are further poised for a quantum jump in this year of construction Technology as announced by Hon'ble Prime Minister of India.

I am happy to note that the Department is bringing out a special issue 'Nirman Bharati' on the occasion of its 165<sup>th</sup> Annual Day. I congratulate Shri K. S. Gaur, Director (Tech & PR) and Smt. Ashu Chaudhary, Architect (Tech & PR), CPWD for bringing out this special issue, covering the activities and achievements of the Department in a very lucid manner.

I am confident that this special edition shall be well received by the officers of the Department as well as client organizations and others, to whom CPWD provide its services.

Once again, I convey my best wishes to all on 165<sup>th</sup> Annual Day of the Department.

  
(PRABHAKAR SINGH)

## INSIDE

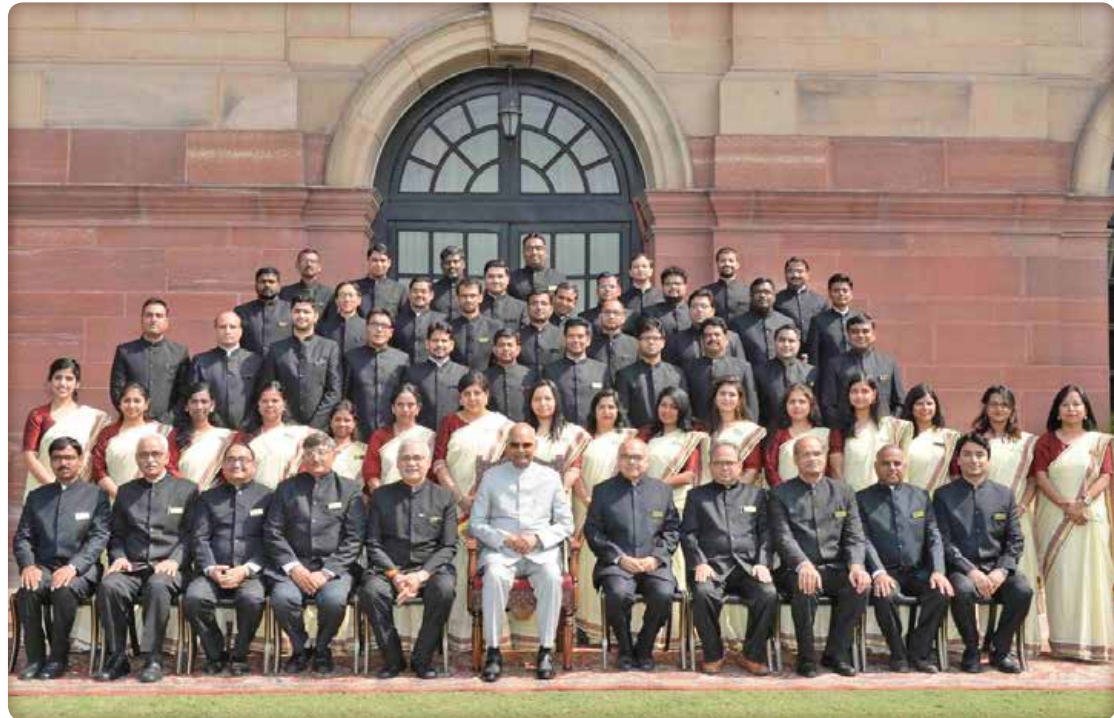
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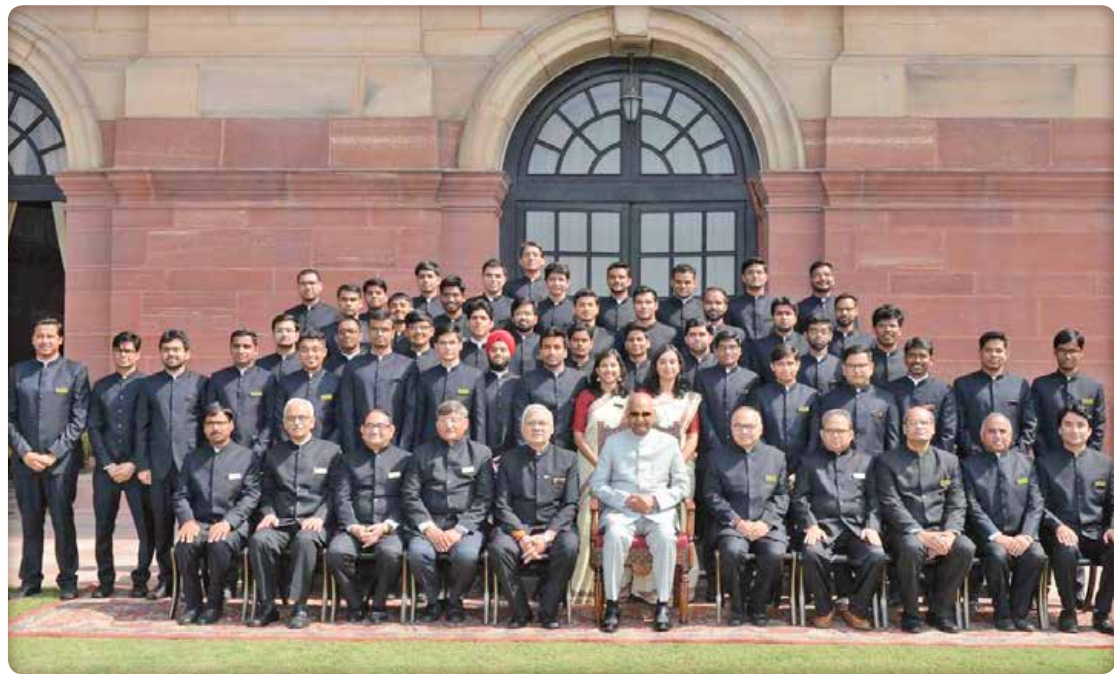


*Hon'ble President of India*  
**Shri Ram Nath Kovind**

meets newly inducted Assistant Executive Engineers (Civil) & (E&M) and Dy. Architects in CPWD at Rashtrapati Bhavan, New Delhi on October 15, 2018.



Hon'ble President with newly inducted Assistant Executive Engineers (Civil) & (E&M), CPWD



Hon'ble President with newly inducted Dy. Architects, CPWD

Hon'able President of India dedicates Grand and iconic Samadhi Memorial of late former Prime Minister Shri Atal Bihari Vajpayee "SADAIV ATAL" at Rashtriya Smriti Sthal, New Delhi to the Nation on December 25, 2018.



**SAMADHI**  
Memorial



Hon'ble Prime Minister of India dedicates 'National Salt Satyagraha Memorial' at Dandi, Gujarat to the Nation on January 30, 2019 in commemoration of the 150<sup>th</sup> Birth Anniversary of Mahatma Gandhi.



Hon'ble Prime Minister of India inaugurates IIT Campus Bhubaneswar on December 24, 2018.



Administrative Block,  
IIT Bhubaneswar



Girl's Hostel



Boy's Hostel





Hon'ble Prime Minister of India inaugurates Textile Office Complex Building, Varanasi on January 22, 2019.



Textile Office Complex Building, Varanasi

Hon'ble Prime Minister of India inaugurates Super Specialty Block, BRD Medical Collage Gorakhpur, Uttar Pradesh on February 24, 2019.



Super Specialty Block, BRD Medical Collage Gorakhpur

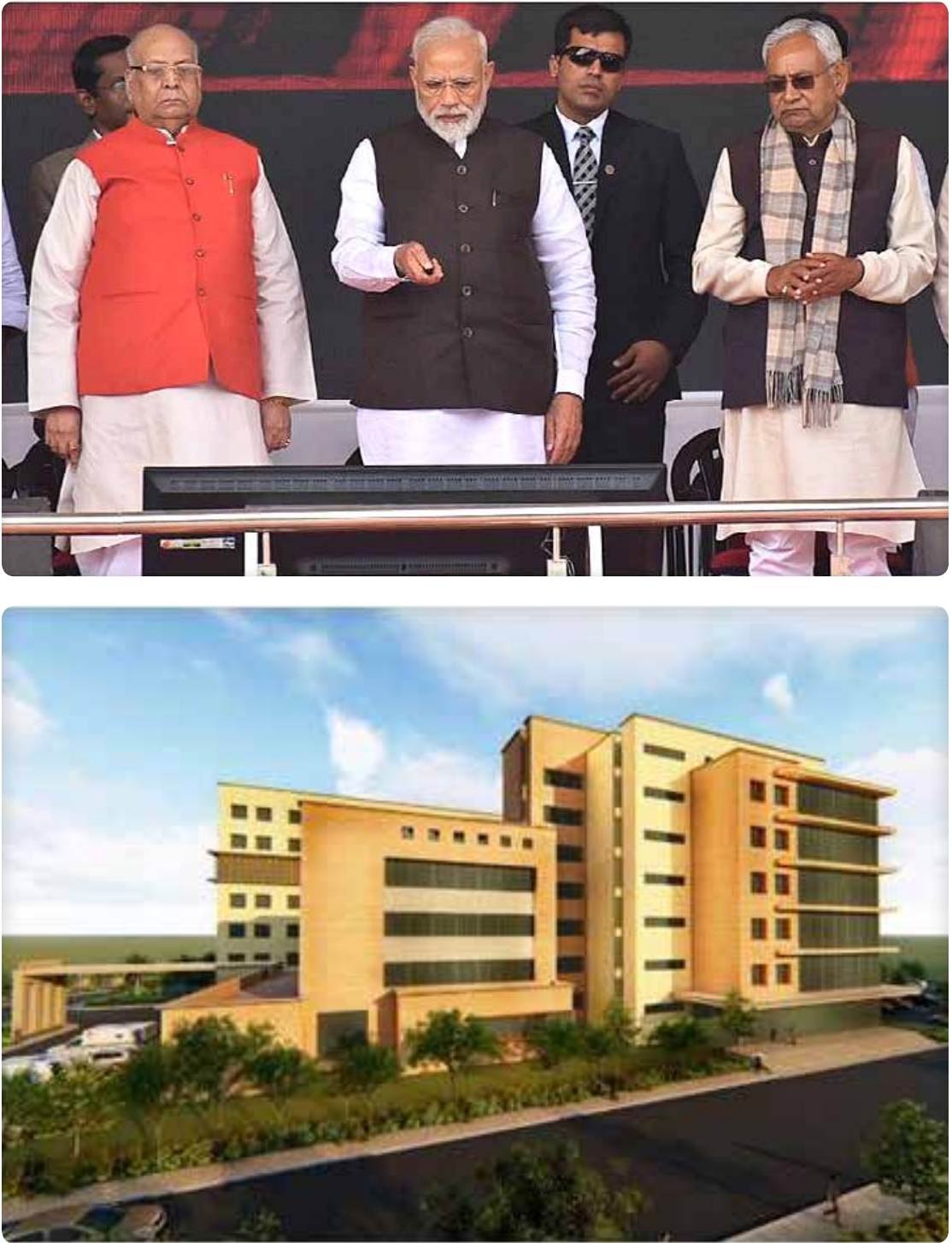


Hon'ble Prime Minister of India lays foundation stone for Film and Television Institute at Jote, Papumpare, Arunachal Pradesh on February 9, 2019.



Proposed Film and Television Institute, Jote, Papumpare, Arunachal Pradesh

Hon'ble Prime Minister of India lays foundation stone for construction of Super Specialty Hospital at Bhagalpur, Bihar on February 17, 2019.



Proposed Super Specialty Hospital, Bhagalpur, Bihar



Hon'ble Prime Minister inaugurates Atal Incubation Centre-Mahamana Foundation, Varanasi on September 18, 2018.



Atal Incubation Centre-Mahamana Foundation

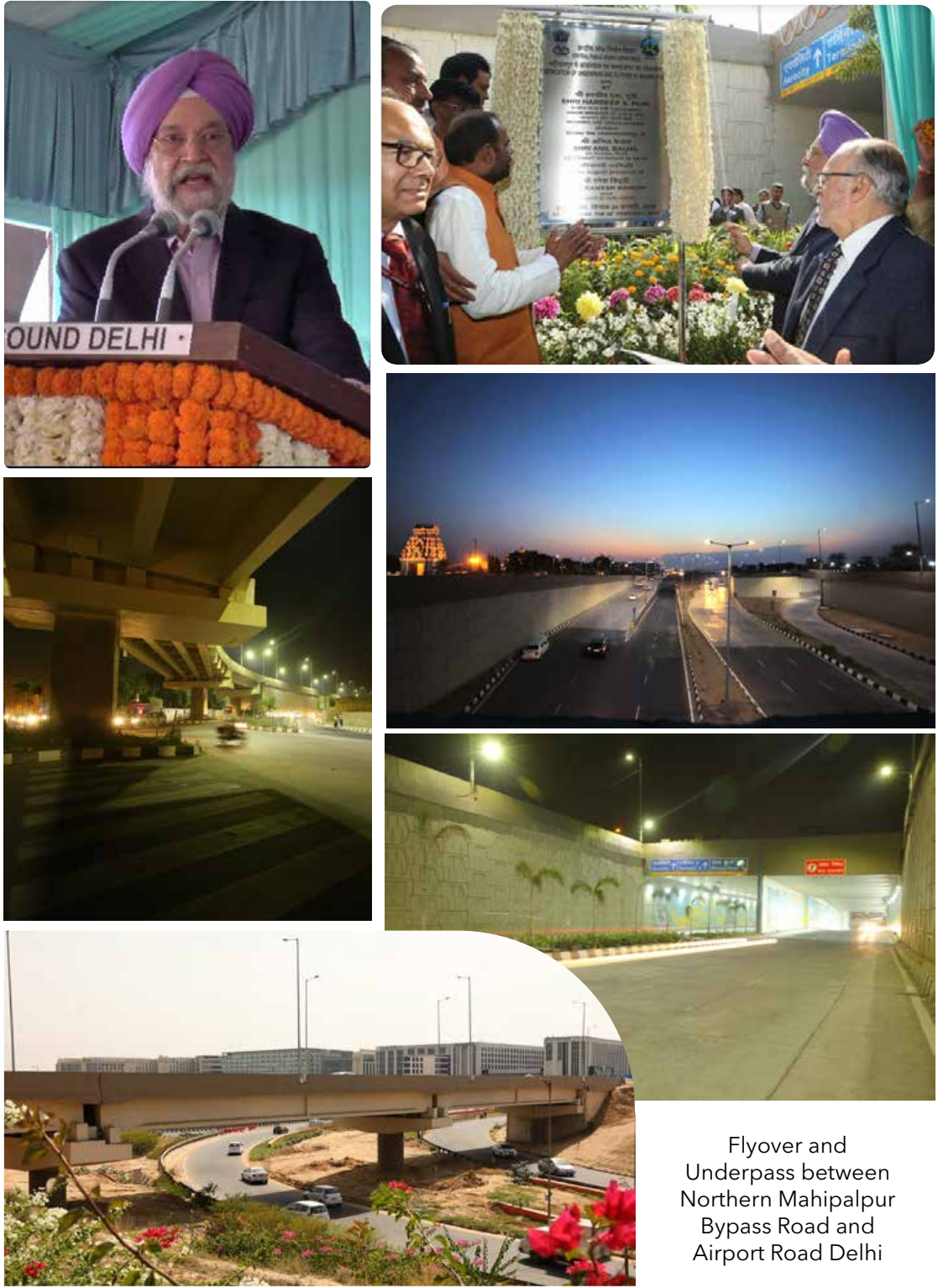
Shri Hardeep S. Puri, Hon'ble Minister, Ministry of Housing and Urban Affairs lays foundation stone for construction of 120 General Pool Residential Type-VII Flats at Pocket-I, DDU Marg, New Delhi on October 16, 2018.



Proposed 120 General Pool Residential Type-VII Flats



Shri Hardeep S. Puri Hon'ble Minister of Housing and Urban Affairs inaugurates newly constructed Flyover and Underpass between Northern Mahipalpur Bypass Road and Airport Road Delhi on February 28, 2019.



Flyover and Underpass between Northern Mahipalpur Bypass Road and Airport Road Delhi

Sh. Hardeep S. Puri, Hon'ble Minister of Housing and Urban Affairs lays foundation Stone for Redevelopment of GPRA Colony at Srinivaspuri (Phase-I), New Delhi on February 22, 2019.



Proposed Redevelopment of GPRA Colony at Srinivaspuri (Phase-I), New Delhi



# Highest ever Work Performance



Value of works in progress, newly sanctioned and in pipe line (including border works) to the tune of **₹130000** crores.

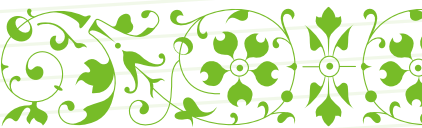
Over 2000 works amounting to Rs. 40000 crores are in progress.

Over 1100 construction works amounting to Rs. 6500 crores completed.

Workload during the year 2017-18 of the Department was Rs. 13495 crores. Workload during the FY 2018-19 has been Rs. 15639 crores. There has been increase of about 16% in the workload during 2018-19, when compared with the workload of previous year i.e. 2017-18. This increase in the workload during FY 2018-19 is phenomenal in comparison to trend of previous years

## Some of the largest single value projects bagged by CPWD

- Redevelopment of four GPRA in Delhi **₹6500 crores**
- New Medical Colleges at Hamirpur & Nahan (HP) **₹520 crores**
- AIIMS Jammu **₹1661 crores**
- AIIMS Srinagar **₹1828 crore**
- Super Speciality Block, RML Hospital, New Delhi **₹900 crores**
- IIT Jammu (Phase-I) **₹864 crores**
- IIM Jammu **₹550 crores**
- IIM Amritsar **₹550 crores**
- IIM Sirmour **₹300 crores**
- General Pool Office Project at 30 Tyagraj Marg, New Delhi **₹400 crores**
- General Pool Residential project at Raipur **₹300 crores**
- Gramin Bhawan, New Delhi **₹450 crores**



Construction Industry Development Council (CIDC)  
conferred  
**"CHAMPION TECHNOCRAT PAR EXCELLENCE"**  
award to  
**Shri Prabhakar Singh**  
Director General, CPWD  
for promoting innovative and sustainable construction practices and  
creating vibrant work environment in the Construction Industry.



Director General, CPWD and other officers with Hon'ble President of India on  
occasion of felicitation function in recognition of grand arrangements made by  
CPWD for swearing in ceremony of the new Government.



SANJAY KOTHARI  
Secretary to the  
President of India



RASHTRAPATI BHAVAN  
New Delhi - 110004

D.O.No.D-11017/11/2019-EBA

03 June, 2019.

Dear Sir Prabhakar Singh,

Hon'ble President of India administered the Oath of Office to the Prime Minister and his Council of Ministers at a spectacular swearing-in-Ceremony held in the forecourt of the Rashtrapati Bhavan on 30<sup>th</sup> May 2019. The event was a grand success and has come in for praise and appreciation from all quarters.

2. I thank you and your team for your contribution in making the event a memorable one. You made excellent arrangements for the smooth conduct of the event. While we had several departments of our government involved in the organization, the work handled by CPWD, indeed, formed the backbone of the show. The stage lay-out, seating arrangements, lighting preparations, flower decoration and the overall aesthetic appeal of the set-up measured up to our high expectation.

3. Please do convey our deep appreciation to your team members for their professionalism and hard work. We will continue to count on your invaluable support. I wish you and your team the very best for future endeavors.

with regards,

Yours sincerely,



[Sanjay Kothari]

Shri Prabhakar Singh,  
Director General,  
Central Public Works Department,  
Nirman Bhavan,  
New Delhi 110 011.

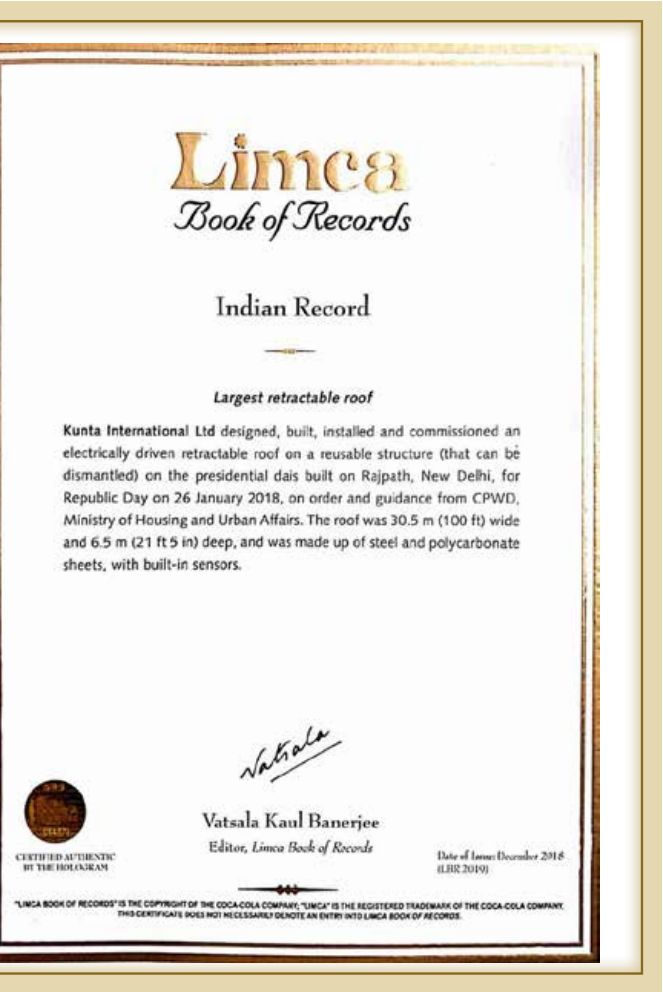
Tel. : 011-23014930, 23013324 Fax : 011-23015799 e-mail : secy.president@rb.nic.in

NIRMAN BHARATI

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CPWD conferred CIDC Partner in Progress Trophy 2019, for display of utmost commitment and drive to create a vibrant work environment for the construction fraternity in New Delhi on March 7, 2019.

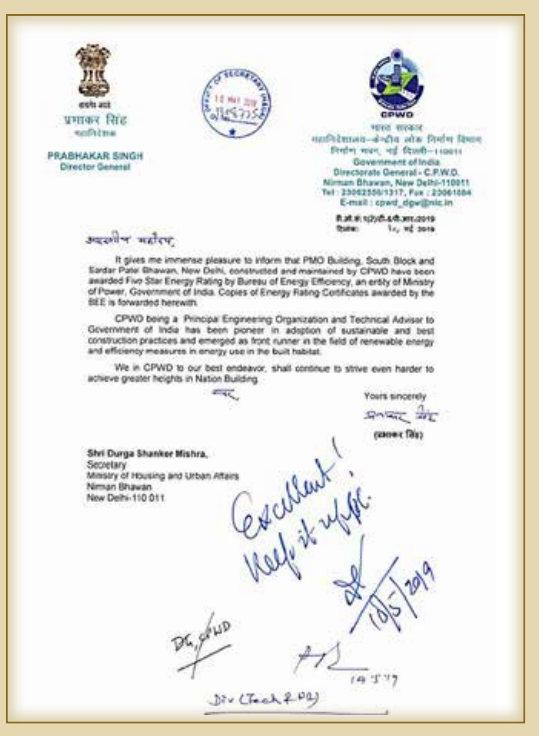


Presidential Dias erected by the CPWD during Republic Day Celebrations at Rajpath, New Delhi with the retractable roof, largest one of its kind of size 100 ft x 22 ft found place in the Limca Book of Records. Prominent newspapers published this historic achievement of CPWD.

PMO South Block and Sardar Patel Bhawan, New Delhi, constructed and maintained by CPWD awarded five star energy rating by the Bureau of Energy Efficiency (BEE), an entity of Ministry of Power, Government of India.



Commendation by Secretary, Ministry of Housing and Urban Affairs on a DO letter from DG, CPWD regarding five star energy rating of CPWD Buildings.





Floral Tableau of CPWD depicting statue of the 'Father of the Nation' showcased during Republic Day Celebrations at Rajpath, New Delhi on January 26, 2019 won Trophy & Special Prize.



Hon'ble Minister, Ministry of Housing and Urban Affairs and Shri Prabhakar Singh, Director General, CPWD & CPWD Officers with the Trophy and Special Prize.



Shri Prabhakar Singh,  
Director General, CPWD  
selected for distinguished  
**Alumnus  
Award - 2019**  
by the IIT Kharagpur for  
his  
**Exceptional Professional  
Achievements.**



Shri Prabhakar Singh,  
Director General, CPWD  
receiving 'Certificate  
of Appreciation' from  
Shri Durga Shanker  
Mishra, Secretary,  
Ministry of Housing and  
Urban Affairs for his  
exemplary contribution  
in completing Sadaiv Atal  
Memorial in just 42 days.



Indian Buildings Congress Award for Excellence in Built Environment pertaining to "Construction of National Institute of Securities Markets (NISM) at Patalganga, Rasayani District Raigad, Maharashtra "under the category Institutional Campus. Trophy presented on 28<sup>th</sup> December 2018 in New Delhi.



Indian Buildings Congress Award for Excellence in Built Environment for "Construction of IIM Trichy Permanent Campus, Trichy". Trophy presented on 28<sup>th</sup> December 2018 in New Delhi.



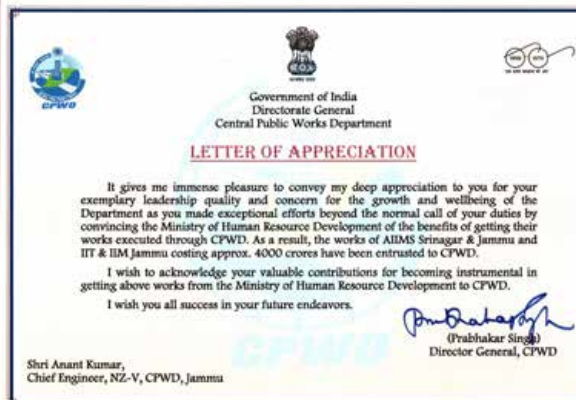
"Ultratech Award 2018 for Outstanding Residential Structure, Kodagu District, Mysuru Centre" for Type-V Quarters, Sainik School, Kodagu from Association for Consulting Civil Engineers (India), Mysuru conferred to CPWD on December 18, 2018.



Dr. K M Soni Additional Director General, CPWD conferred Public Officer Achievements Award by CIDC on March 7, 2019 in New Delhi.









MoU with IIT Gandhinagar signed in the presence of Secretary, Ministry of Housing and Urban Affairs on 15<sup>th</sup> May 2019, wherein CPWD will setup an R&D cell at the Research Park of IIT Gandhinagar to collaborate with the Institute for the cutting edge research in the housing and urban development sector.



Memorandum of Cooperation signed with CIDC on April 16, 2019 in New Delhi to collaborate, cooperate and complement each other to undertake initiatives to provide capacity & Institution building support & also propagation of best practices of the entire construction sector.

MoU signed with School of Planning and Architecture on variety of areas of mutual interest and benefit related to housing and urban development sector including exchanging and sharing knowledge on various aspects of design, execution and maintenance related to buildings.



MOU signed with Reserve Bank of India (RBI) on June 7, 2019 in New Delhi for construction of RBI works in next 10 years.

MoU signed with Central Warehousing Corporation on September 6, 2018 in New Delhi for execution of their upcoming construction projects throughout the country.



MoU signed with IIM Jammu on March 9, 2019 in New Delhi for development of New IIM Campus at Jammu.



MoU signed between CPWD Officers' Wife Association and Central Public Works Department on June 3, 2019 in New Delhi for the welfare of the construction workers and their family members at construction sites of CPWD.



MoU signed between IIM Bodhgaya and CPWD for construction of New Campus on November 28, 2018 in Bodhgaya.

MoU signed between CPWD and Bureau of Energy Efficiency (BEE) for evaluation and award of Star Rating to CPWD managed buildings on January 10, 2019 in New Delhi in the presence of Secretary, Ministry of Power.





Administrative Building, Krishna University Machilipatnam, Andhra Pradesh



Viewer's Gallery, JCP Attari, Amritsar



Nehru Hospital - PGIMER, Chandigarh



Supreme Court Extension, New Delhi



Geological Survey of India, Bengaluru





National Institute of Technology, Durgapur, West Bengal



Computer Centre IIITDM, Jabalpur, M.P.



Chemical Engineering Block, National Institute of Technology, Warangal



Indian Institute of Management, Trichy



ESIC Hospital, Indore





Residential Flats for Hon'ble Member of Parliament, North Avenue, New Delhi



Aykar Bhawan, Mumbai



Boys Hostel, National Institute of Technology Kurukshetra , Haryana



Residential Accommodation , BBMB, Nangal , Punjab



Aykar Bhawan Building, Vejalpur, Ahmedabad





Quarter Guard for C.R.P.F. at Group Centre, Kootah, Distt. Kathua (J&K).



IISER, Trivandrum



National Museum Institute Building, Noida, UP



Multi Activity Centre for National Institute of fashion Technology, Chennai



Jawan Barracks and Housing Scheme Group Centre of CRPF Gwalior, Madhya Pradesh



EPFO office building, Jalandhar



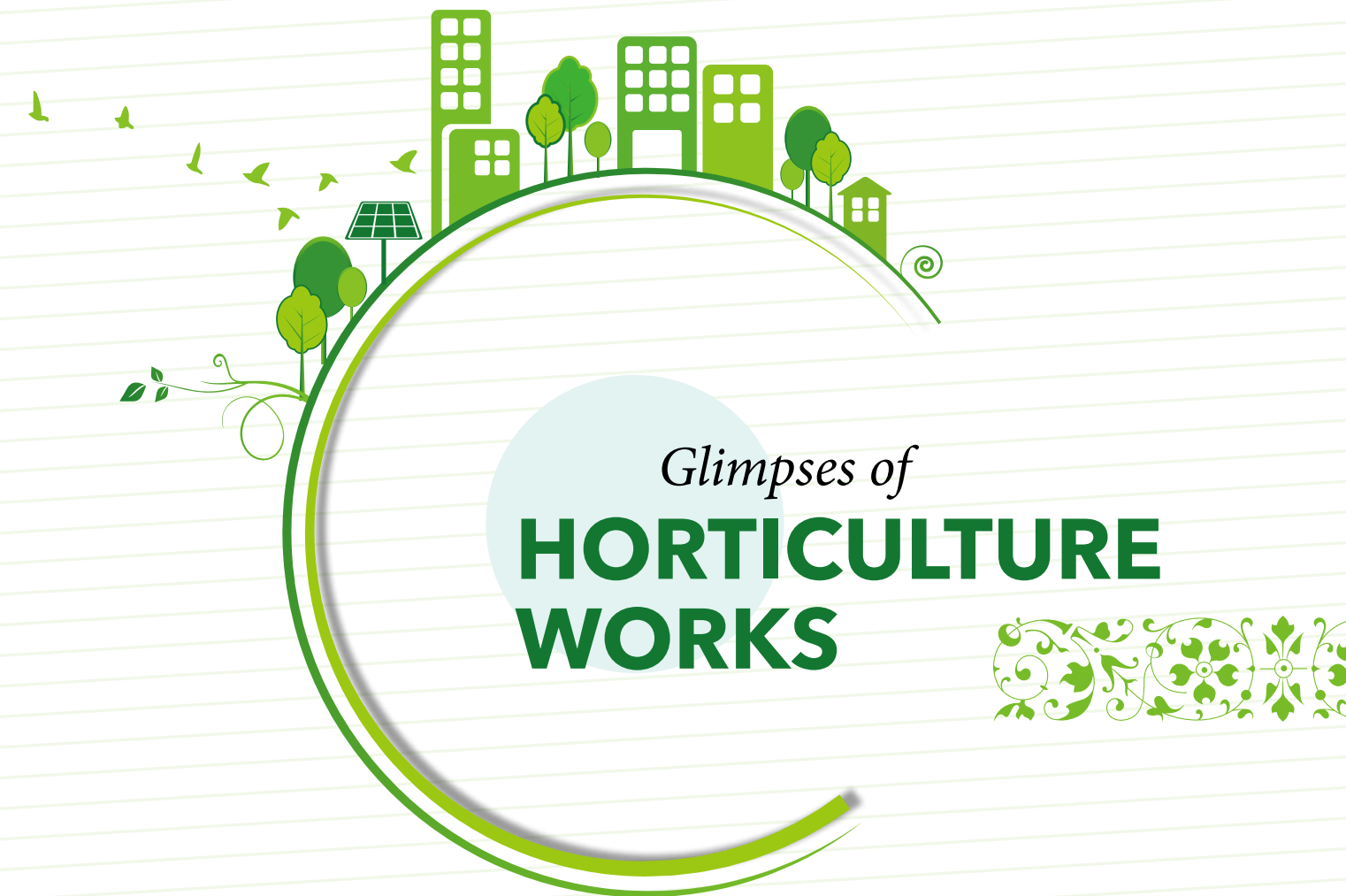




Academic Complex  
IIT Madras



Library Building for NITK, Surathkal,  
Mangalore











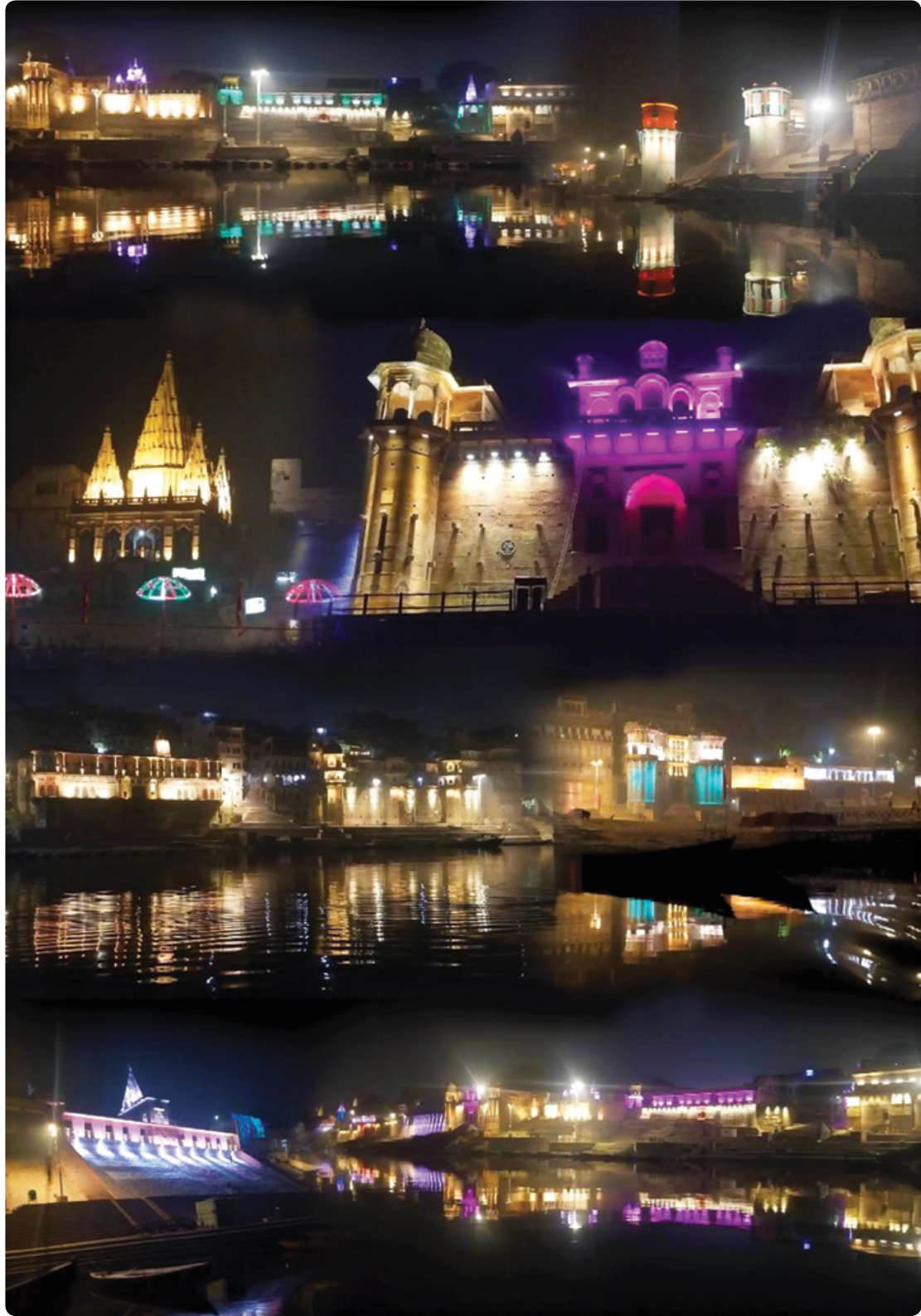
CPWD installed the State-of-the-Art Technology, environmental friendly, Dynamic Façade Lighting at Ghats and many Heritage and Monumental Buildings in Varanasi and Amritsar, which attained global recognition.



DYNAMIC FAÇADE LIGHTING, Varanasi

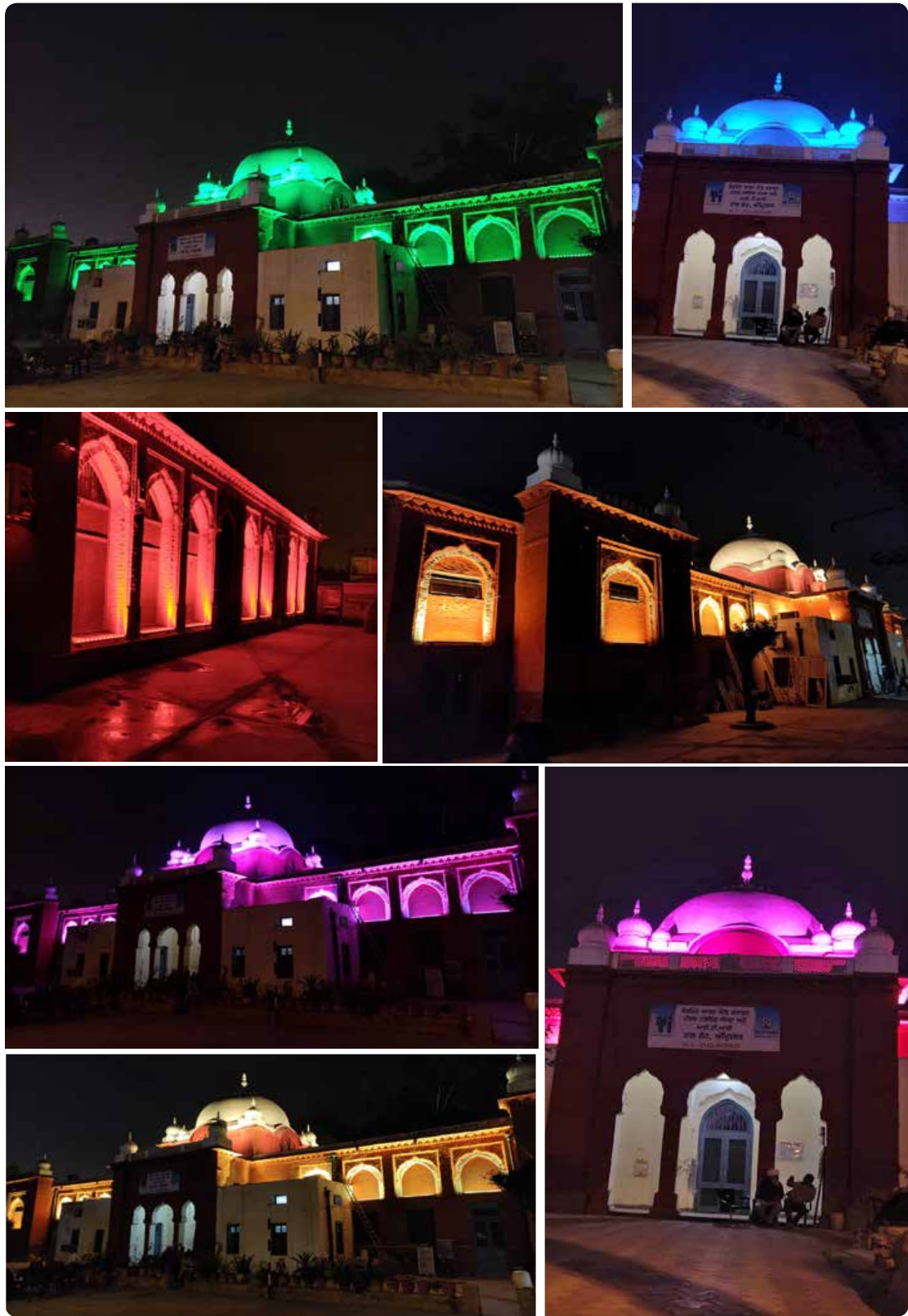


DYNAMIC FAÇADE LIGHTING, Varanasi





DYNAMIC FAÇADE LIGHTING, Amritsar







CAPFIMS  
Project,  
New Delhi



Labour Bureau  
Building,  
Chandigarh



IIT Patna  
Project,  
Phase-II



1500 Seated  
Capacity  
Auditorium  
NIT Durgapur



Trauma Center  
and Nursing  
College,  
AIIMS Rishikesh



M P Flats,  
BD Marg  
New Delhi



IIT Tirupati



Administrative  
Block, Himachal  
Pradesh Technical  
University  
Hamirpur (H.P.)

STPI Building,  
Ranchi



AG Office  
Building  
Bhubaneswar



Dharamsala,  
AIIMS,  
Bhubaneswar



GPOA ,  
Shastri Bhawan,  
Chennai



Staff quarters for  
Central Reserve  
Police Force (CRPF),  
Bengaluru



Guest House for  
IISER, Trivandrum

Super specialty  
block,  
B.S. Medical  
College,  
Bankura,  
West Bengal



Dwelling units for  
IT Department,  
Chennai



Boys Hostel  
Building for  
Osmania University,  
Hyderabad



Quarters for SVP  
NPA, Hyderabad





Quarters for RAF,  
Coimbatore



STPI, Bengaluru

Boys' Hostel for  
NITK, Suratkal



*Glimpses of*  
**UPCOMING  
PROJECTS**







National Institute  
of Mental Health  
& Rehabilitation  
(NIMHR) , Bhopal

Seperate Family  
Accommodation  
for SSB,  
Faridabad,  
Haryana



Corporate  
Bhawan,  
New Town,  
Rajarhat



Office &  
Residential  
Complex for  
Custom & Central  
GST, Jalandhar  
(Punjab)



Office  
Building For  
Directorate  
of Revenue  
Intelligence,  
Kolkata Unit

GSI Dharitri  
Building,  
Salt Lake, Kolkata







Income  
Tax Tower,  
Bengaluru



500 Seater Girls  
Hostel, National  
Institute of  
Technology,  
Calicut



Medical  
College,  
Jipmer Karaikal



Videsh Bhawan,  
Bhopal



Income Tax  
Building,  
Nagpur



CGST Building,  
Ahmedabad





Office Building  
For N.I.A.,  
Naya Raipur,  
Chhattisgarh



ESIC Hospital,  
Bhilai,  
Chhattisgarh



Construction  
of OTM  
Infrastructure  
For Indian  
Coast Guard,  
Worli, Mumbai

# New E Governance Initiatives



## Functioning of the CPWD significantly revamped due to the wide-ranging e-Governance initiatives taken as under:

- New homepage of the CPWD Website with Twitter handle, Facebook and you Tube channel.
- Online module for creation of data bank of CPWD officers of all streams having specialization in Engineering, Architecture and Horticulture.
- Online module for Audit Para Processing and Management System in CPWD.
- New website of Central Vista, New Delhi launched, which disseminates information about history and current developments in Central Vista.
- New website of Project Processing Approval and Management System.
- Online ACC Clearance Module.
- Online Probity Report Module.
- Online Periodic Review under Fundamental Rule 56j etc.
- Online Reporting module for Sugamya Bharat - Accessible India Campaign .
- Online Reporting Module for Implementation of Energy Efficiency Measures.

- Online Solar Rooftop PV Generation Module.
- Online Construction and Demolition Waste Management Reporting System.
- Online Rain Water Harvesting Schemes reporting module.
- Online GPRA Quarters under Maintenance reporting module.
- Online CCEA Measures to Review Construction Sector reporting module.
- Online Recycling of Waste Water & Waste Management reporting module.
- Horizon Module with a facility for online issue of QR codes for CPWD works.
- Online Park Booking Module with NTRP.
- Online Permission and Intimation of Properties by the Employees of CPWD.
- Online Departmental Examination Management & Processing System.
- Online Ready Reckoner of Outsourcing of Maintenance Divisions in CPWD.
- Online Client Interaction Module.
- Website of National CPWD Academy.
- Online CPWD Green Rating Module.





# Sustainable Development Achievements



- To encourage use of new, clean and green technologies in construction, CPWD has adopted sixteen new technologies in its works.
- Installation of Rain Water Harvesting system and Waste Water Recycling plant have been made mandatory in all CPWD major projects as a part of water conservation measures.
- Use of fly ash bricks/blocks made from C&D waste/AAC blocks in masonry works made mandatory in place of burnt clay bricks for the works in Delhi-NCR, Mumbai, Chennai, Kolkata, Bangalore, Hyderabad, Ahmadabad and Surat.
- Construction and demolition (C&D) waste product items and Technical Textile included in CPWD Schedule of Rates for use in CPWD.
- CPWD has taken firm measures for generation of renewable energy through installation of roof top solar PV Plants. Roof Top Solar PV Plants have been made mandatory in all new projects of CPWD.
- As Energy Efficiency Measures, existing fittings in 25 General Pool Office Buildings and 138 Non-GPOA Buildings across the country have been replaced with LED fittings. All new constructions are being done with energy efficient fittings and fixtures.

## Adoption of New Technologies



## Use of C&D Waste Products



## Solar Power Generation

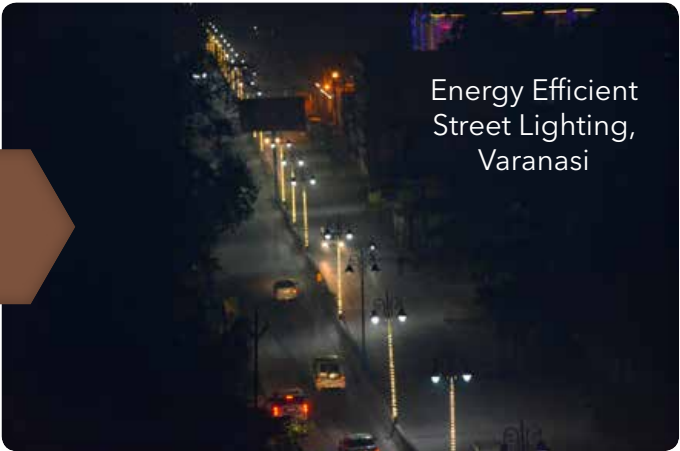


National Salt Satyagraha Memorial at Dandi, Gujarat



Supreme Court Extension, New Delhi

## Energy Efficiency Measures



Energy Efficient Street Lighting, Varanasi



# Accessible India Achievements



Under the 'Sugamya Bharat' Mission, CPWD has undertaken the massive task of making public buildings accessible and 548 buildings have been made completely accessible.



# Skill Development Achievements



Skilling Mission has been taken by CPWD as a social responsibility for unskilled workers engaged at construction sites. Provision of skilling of construction workers increased in GCC from 20% to 30%. Till now, thousands of unskilled construction workers have been skilled for increased output and quality by them





# Other Key Activities

## Swachh Bharat Mission Activities

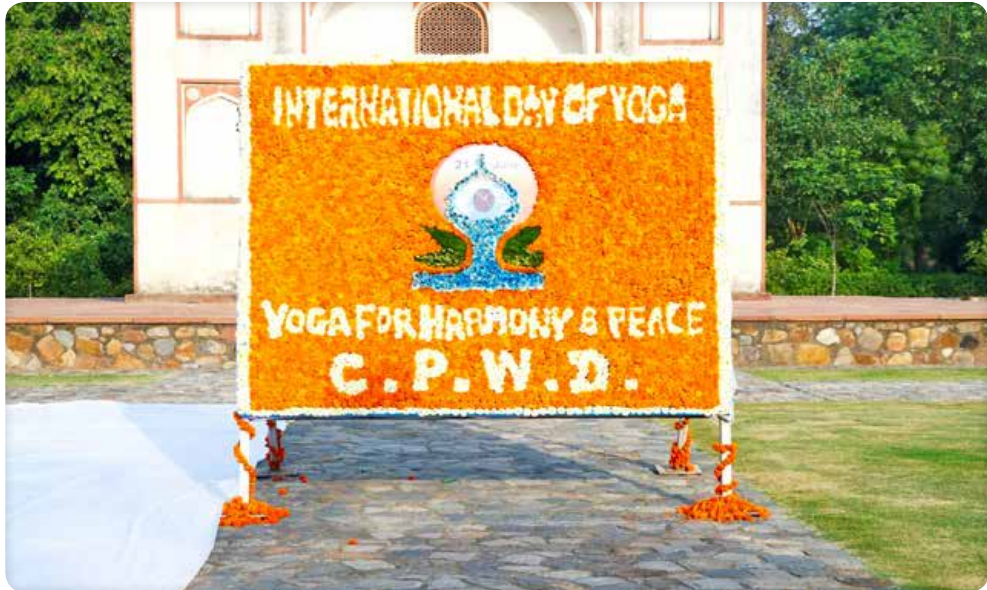
- Swachhata Hi Sewa Pakhwada held from 15<sup>th</sup> September 2018 to 2<sup>nd</sup> October 2018, in which massive cleanliness drive of all assets maintained by CPWD across the country was undertaken. Painting competition amongst the children was held on the theme 'Swachhata hi Sewa' at Sunder Nursery, New Delhi in the august presence of the Hon'ble Minister.
- Sewage Treatment Plants installed in the existing GPOAs and GPRAs maintained by CPWD. So far, 92 Sewage Treatment Plants have been installed.
- 79 Solid Waste Convertors have been installed in existing GPRAs/ GPOAs. Compost produced by these machines is being used in the horticulture works, to complete the ecological loop fulfilling the environment requirement of three R's - Reduce, Reuse and Recycle.
- Waste Segregation initiated at source at different locations in Delhi and outside with the help of start-ups with no cost to CPWD.
- Swachhta Pakhwada from 1.2.2019 to 15.2.2019 was successfully organized by the CPWD across the country.





YOGA DAY

On the occasion of International Yoga Day on June 21, 2019, Yoga programs were organised at different units of CPWD in the country. CPWD officers and staff participated in the yoga program with full zeal and enthusiasm.



Role of CPWD as Principal Technical Advisor

To fulfil the mission of housing for all under Pradhan Mantri Awas Yojana (PMAY), Ministry of Housing and Urban Affairs has conducted Global Housing Technology Challenge - India to select innovative technologies from all over the globe. Shri Prabhakar Singh, Director General, Central Public Works Department was given the responsibility to chair Technical Evaluation Committee of Global Housing Technology Challenge-India. CPWD has performed this challenging function in a very excellent manner.



Participation of CPWD in international events held in India

CPWD participated in 'Vibrant Gujarat Global Summit' held from January 18 - 20, 2019 at Gandhi Nagar, Gujarat. Achievements of CPWD were displayed in a grand and spectacular manner.

Hon'ble Prime Minister of India passing through CPWD Stall at the Summit.



Visit of Hon'ble Rural Development Minister of Government of Gujarat on January 20, 2019



CPWD participated in 'Pravasi Bharatiya Diwas' held from January 21-23, 2019 at Varanasi.



CPWD participated in Expo cum conference on Global Housing Technology Challenge organized by Ministry of Housing and Urban Affairs on 2<sup>nd</sup> & 3<sup>rd</sup> March, 2019 at Vigyan Bhawan, New Delhi.



### Business Meets to create positive impact amongst Clients

Business Meets organized at different parts of the country as a confidence building measure with the clients and bringing more business to the Department. CPWD has been able to get many works due to these meets.



Delhi



Indore



Bangaluru



Bhubaneswar



Chandigarh



Shimla



Dehradun

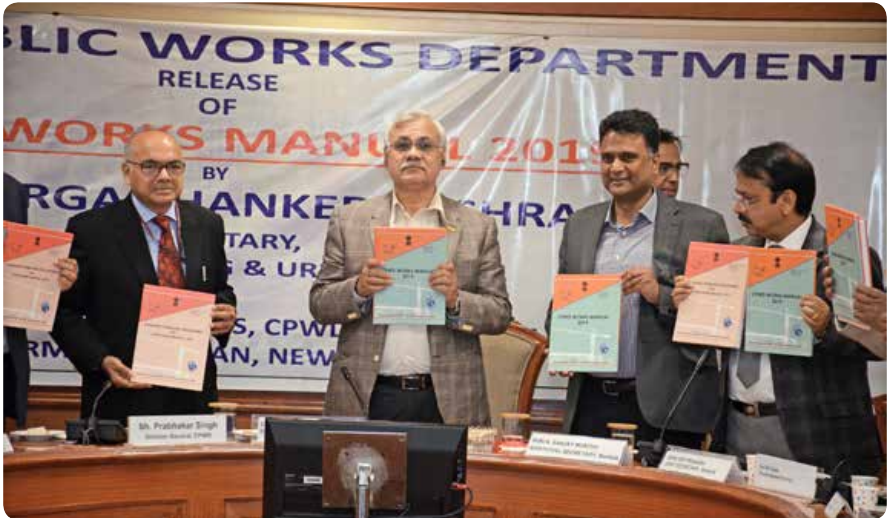


Chennai

### Setting New Benchmarking Standards

As a part of up-gradation of systems and processes of CPWD, following revised CPWD Publications have been brought out:

- CPWD Works Manual 2019 (New Manual has been condensed from earlier 460 pages to 54 pages, which will provide much needed flexibility for taking prompt decisions by the field officers and will radically increase the productivity and efficiency of the Department)



- CPWD Schedule of Rates 2018 for New Technologies
- Delhi Schedule of Rate 2018 for Civil works
- CPWD Horticulture Delhi Schedule of Rate 2018
- Solar Power & Energy Efficiency in Government Building
- Guidelines for Substation & Power distribution systems of Buildings
- CPWD DSR & AOR for Wet Riser and Sprinkler System - 2019
- Green Rating Manual 2019
- Delhi Analysis of Rates 2019
- Plinth Area Rates 2019
- General Conditions of Contracts 2019
- Enlistment Rules for the Contractors 2019
- CPWD Civil Specifications Vol-I & Vol-II
- Accessibility Manual of CPWD
- Safety, Health & Environment Handbook for CPWD Projects
- Hand Book on Total Quality Management
- Rainwater Harvesting & Conservation Manual 2019
- Compendium on architectural norms, standards and guidelines for works of Hospitals
- Compendium on architectural norms, standards and guidelines for works of Education Institutions



Knowledge Sharing and Creating Awareness

CPWD organized one day Seminar on “Use of Technical Textiles, Fly Ash, C&D Waste in Civil Construction” at Vigyan Bhawan, New Delhi on December 17, 2018. Shri Durga Shanker Mishra, Secretary, Ministry of Housing and Urban Affairs was the Chief Guest of the event.



To spread awareness on implementation of Energy Efficiency Measures and Generation of clean and green power through Solar Power Generation, a day long National Seminar on “Renewable Energy and Efficiency Measures in Built Habitat” was organized in New Delhi on March 8, 2019



A National Seminar on “Greenery and Landscaping” was organized on April 5, 2019 in New Delhi, as a part of continued effort for green and clean sustainable development of CPWD.



A Seminar on “Skilling of Construction Workers and Safety Management in Projects” organized by the CPWD in New Delhi on April 26, 2019.



A Seminar on Use of Innovative Technologies & Materials in Construction organised on June 14, 2019 in New Delhi.



Two days Flower and Garden Competition Show organized on 22<sup>nd</sup> & 23<sup>rd</sup> February, 2019 at Mehrauli Nursery, New Delhi.





# Activities of CPWD Officers' Wives Association



## Prime activities of the Association

- Scholarship for Degree and Diploma Courses on merit-cum-means basis for the wards of Group C & D employees.
- Special donation for the education of the underprivileged students to help them in pursuing their studies.
- One time ex-gratia payment to needy Group C & D employees of CPWD in the event of untimely death, accident, long illness etc.
- Donations for humanitarian causes like flood affected areas, Blood Banks, Red Cross Society, Schools for Blinds, Missionaries of Charity, PM Relief Fund, CM Relief Fund etc.
- "Parivar Ki Har Beti Apne Bharose" scheme to provide aid to the girl-child of Group C & D employees of CPWD with the object to make them economically independent in their life.
- Special donations in cash or kind to support financially deprived people or to organizations sharing same object.
- Satya Goel Scholarship for students of CPWD Group C & D employees who score high in their X and XII exams on merit basis by these trusts through OWA.
- Legal Aid Clinic - A new initiative to provide free legal advice to Group C & D employees of CPWD, staff and laborers by the professionally qualified advocates and groups.
- Crèches at construction sites under the name Bal Basera for the children of laborers who are engaged by the contractors at various construction sites. These crèches provide informal education, nutrition, medical care and a safe environment to children aged 1-7 years. Presently 6 crèches are being run with around 20-25 children.
- Day Care Centre, Nursery and Play School at its Head office building premises for children of age 6 months to 12 years at a very nominal fee.
- Vocational Training Centre with the sole objective to provide training and empowering women economically. The Centre conducts different diploma courses like tailoring and embroidery recognized by Usha Sewing School, computer courses and many short term hobby classes being conducted from time to time.
- Cultural, recreational programs and workshops are conducted for the children at Day Care, Vocational Training Centre and at the crèche sites.
- Organising Health Camps for workers and their children at construction sites.





*Celebration of*  
**165<sup>th</sup> CPWD Annual Day**

on July 12, 2019 Awards for  
**BEST PERFORMERS** and **BEST PROJECTS**



### Region Achieving Highest Work Load

Category	Region	Recipient of Award
Region performed best in generating workload during 2018-19	Delhi Region	Shri Prabhakar Singh, Director General, CPWD

## BEST PERFORMERS

## Officers Selected for Director General Medal

S No.	Name of the officer	Category	Post Held
1	Dr. K. M. Soni	Additional Director General (Civil)	Additional Director General (Tech)
2	Sh. A. S. Arora	Additional Director General (E&M)	Additional Director General (HR)
3	Sh. Rajeev Singhal	Chief Engineer (Civil)	Chief Engineer & Executive Director, New Delhi Project Zone
4	Sh. Vimal Kumar	Chief Engineer (E&M)	Chief Engineer, NDZ-II, Delhi
5	Sh. Devendra Prakash	Superintending Engineer (Civil)	Superintending Engineer, Shimla Central Circle
6	Sh. Vijay Prakash Rao	Senior Architect	Senior Architect, NDR-IV, New Delhi
7	Sh. K. Mohammood	Executive Engineer (Civil)	Executive Engineer, IISER Project Divn, Trivandrum
8	Sh Vishesh Swamiwal	Executive Engineer (E&M)	Executive Engineer (Elect), Supreme Court project, New Delhi
9	Smt. Vrushali Phadnis	Architect	Architect O/o SA, Mumbai
10	Sh. R. S. Meena	Dy. Director (Hort.)	Dy. Director (Hort), Horticulture Division-II
11	Sh. Hans Raj	PPS	PPS, Dte General

### Officers Selected for Commendation Certificates

S No.	Name of the officer	Category	Post Held
	Sh. O. P. Tripathi	Chief Engineer (Civil)	Chief Engineer & Executive Director, IIT Delhi Project Zone
	Sh. Manu Abhitabh	Chief Engineer (Civil)	Dy. Director General, (ERP)
	Sh. S.C. Bhardwaj	Chief Engineer (E&M)	Additional Director General Region Delhi, CPWD, New Delhi
	Smt. Indu Gujral Chowdhary	Chief Architect	Dy. Director General (eGov)
	Smt. Sonia Mehta	Chief Architect	Chief Architect (NDR)
	Sh. Krishna Pal Singh	Superintending Engineer (Civil)	Superintending Engineer, DCC-II, New Delhi
	Sh. Sudhir Kumar Dak	Superintending Engineer (Civil)	Superintending Engineer (Vig), New Delhi
	Sh. R. R. Meena	Superintending Engineer (E&M)	Superintending Engineer (Elect) PWD
	Sh. Mahendra Pratap	Senior Architect	Senior Architect, Raipur
	Smt. Pushp Lata Singh	PSO	PSO, Dte General
	Smt Ivy Nandy	Architect	Architect, O/o SA, Kolkata
	Sh. Manoj Kumar	Director of Horticulture	Director (NDR) & (DR)
	Sh. Jagannadha Rao	Executive Engineer (Civil)	Executive Engineer, Hyderabad Central Divn-IV
	Sh. Bajrang Singh	Executive Engineer (Civil)	Executive Engineer, Supreme Court Project, New Delhi
	Smt Bhumika Mishra	Executive Engineer (Civil)	Executive Engineer, Indo China Border Roads Project Zone
	Sh. Rajiv Sharma	Executive Engineer (Civil)	Executive Engineer, New Delhi Project Zone
	Sh Shivani Kaushal	Executive Engineer (Civil)	Executive Engineer (Manual), CSQ (Civil) Unit
	Sh Rajiv Gupta	Executive Engineer (E&M)	Executive Engineer (Elect) TLQA, CSQ (Elect) unit
	Sh Vinay Kumar Jain	Executive Engineer (E&M)	Executive Engineer cum Senior Manager (E), Development Project Circle, New Delhi
	Smt. P. Malarvizhi	Architect	Architect O/o SA, Madurai
	Smt. Manjula Inian	Architect	Architect O/o SA, Trivandrum
	Smt. Nayan Zodape	Architect	Architect O/o SA, Nagpur



**BEST PROJECTS**

**ARCHITECTURE**

**Entries for Best Architectural Planning & Design**

S No.	Category	Unit	Name of building	Prize	Recipient of Award
	Institutional	CA, NDR	National Institute of Mental Health & Rehabilitation at Bhopal	1 <sup>st</sup>	Shri VP Rao, SA, NDR-IV
	Residential	SA, NDR-I	Redevelopment of Block 2&3 (Schedule A) and Block 12, (Schedule B), President Estate, New Delhi	1 <sup>st</sup>	Smt. Subrata Maitra, SA, NDR-I
	Residential	SA, DR-III	Construction of Separate Family Accommodation for SSB at Faridabad, Haryana	2 <sup>nd</sup>	Shri Lazarus Kujur, SA, DR-III
	Residential	CA, SR	Type V and Type VI Quarters For Central Excise Department, Chennai	3 <sup>rd</sup>	Shri A. Rajaverman, SA, Chennai
	Office	SA, Mumbai	OTM Infrastructure for Indian Coast Guard at Mumbai	1 <sup>st</sup>	Shri T. S. Vivekananda, CA, Mumbai
	Office	SA, Kolkata	Office Building for Directorate of Revenue Intelligence, Kolkata	2 <sup>nd</sup>	Shri Parthasarathi Nandy, SA, Kolkata
	Office	SA, Raipur	Office Building for NIA at Naya Raipur, Chhattisgarh	3 <sup>rd</sup>	Shri Mahendra Pratap, SA, Raipur
	Hospital	SA, Raipur	Hospital Building for ESIC, Raipur, Chhattisgarh	1 <sup>st</sup>	Shri Mahendra Pratap, SA, Raipur

**Entries for Best Interior Planning & Design**

S No.	Category	Unit	Name of building	Prize	Recipient of Award
	Office	CA, NDR	Niti Ayog, New Delhi	1 <sup>st</sup>	Shri VP Rao, SA, NDR-IV
	Office	SA, DR-III	Wildlife Crime Control Bureau, New Delhi	2 <sup>nd</sup>	Shri Lazarus Kujur, SA, DR-III

**CIVIL**

**Entries for Best Completed Projects**

S No.	Category	Unit	Name of building	Prize	Recipient of Award
1	Residential	CE, NZ-1	Hostel Building at NIT, Kurukshetra	1 <sup>st</sup>	Shri K. C. Singh, CE, NZ-I, Client & Executing Agency
2	Residential	CE, NZ-I	Residential Accommodation in BBMB Colony at Nangal, Punjab	2 <sup>nd</sup>	Shri K. C. Singh, CE, NZ-I, Client & Executing Agency

3	Office	CE, SZ VI	Administrative Building for Krishna University at Machilipatnam, Andhra Pradesh	1 <sup>st</sup>	Shri P. K. Naidu, CE, SZ VI, Client & Executing Agency
4	Office	CE, Other Projects PWD	New Delhi District Court at DDU Marg, New Delhi	2 <sup>nd</sup>	Shri Sanjeev Rastogi, CE, Other Projects PWD, Client & Executing Agency
5	Office	CE, NZ-1	Quarter Guard Building for CRPF at Group Centre at Kootah, Jammu & Kashmir	3 <sup>rd</sup>	Shri K. C. Singh, CE, NZ-I, Client & Executing Agency
6	Institutional	CE, Madurai	IIM Trichy Permanent Campus, Trichy, Tamil Nadu	1 <sup>st</sup>	Shri K. R. Kinra, CE, Madurai, Client & Executing Agency
7	Institutional	CPM, IISER, Trivandrum	Academic & Hostel Buildings of IISER, Trivandrum	2 <sup>nd</sup>	Shri V. S. Prasad, CPM, IISER, Trivandrum, Client & Executing Agency
8	Others	ADG, Projects, PWD	Sky Walk at ITO, New Delhi	1 <sup>st</sup>	Shri G. P. Bansal Project Manager, PWD, Govt. of Delhi, Client & Executing Agency
9	Others	CE cum ED, New Delhi Project Zone	Flyover-Underpass between Mahipalpur Bypass Road and Airport Road at New Delhi	1 <sup>st</sup>	Shri Rajeev Singhal, CE cum ED, New Delhi Project Zone, Client & Executing Agency
10	Others	CE, NDZ-II	"Sadaiv Atal" Samadhi of Bharat Ratna Late Shri Atal Bihari Vajpayee, Former Prime Minister of India at New Delhi	Special Prize	Shri Vimal Kumar, CE, NDZ-II, Client & Executing Agency

**Entries for Best Structural Design (In House Design)**

S No.	Category	Unit	Name of building	Prize	Recipient of Award
1	Office	CE, D&DM	Office building for Custom & Central Excise, Lucknow	1 <sup>st</sup>	Shri D. K. Garg, CE, D&DM
2	Office	CE, NZ-I	Office Building of Labour Bureau, Sector 38 West, Chandigarh	2 <sup>nd</sup>	Shri K. C. Singh, CE, NZ-I



**ELECTRIAL**

**Entries for Best E&M Services**

S No.	Category	Unit	Name of building	Prize	Recipient of Award
1	Hospital	CE, NZ-I	Nehru Hospital at PGIMER Chandigarh	Special Prize	Shri R. K. Sao, Project Manager, PGIMER Project Circle, Chandigarh, Client & Executing Agency

**Entries for Best Energy Efficient Building**

S No.	Unit	Name of building	Prize	Recipient of Award
1	CE, NDZ-I	Prime Minister Office, South Block, New Delhi	Special Prize	Shri Vikas Rana, CE,NDZ-I
2	CE, NDZ-I	Sardar Patel Bhawan, New Delhi	Special Prize	Shri Vikas Rana, CE,NDZ-I
3	CE, NZ-I	Kendriya Sadan, Chandigarh	Special Prize	Shri K. C. Singh, CE,NZ-I

**HORTICULTURE**

**Best Newly Developed Horticulture Campus/Lawn/Garden/Parks**

S No.	Unit	Name of work	Prize	Recipient of Award
1	Hort. Division III	Development of Sadaiv Atal Samadhi, New Delhi	Special Prize	Dr. B. N. Srivastava, DDG (Hort)
2	Hort. Division II	Development of Garden at UPSC, New Delhi	Special Prize	Shri Manoj, Kumar, Director (Hort), NDR

**Best Maintained Horticulture Parks / Campus**

S No.	Unit	Name of Building	Prize	Recipient of Award
1	Hort. Divn - II	Parliament House Complex	1 <sup>st</sup>	Shri Ram Singh Meena, Dy. Director (Hort.) Division-II

**Best Service Centre**

S No.	Unit	Name of Building	Prize	Recipient of Award
1	CE, NDZ-II	Service Centre No. 208 for Rabindra Nagar, New Delhi	1 <sup>st</sup>	Shri Narpesh Kumar, EE, ACD-II and Shri Shashi Singh, EE, N-Division

**Best Service Centre - Nursery**

S No.	Unit	Name of Nursery	Prize	Recipient of Award
2	Dy. Director General (Hort.)	Akbar Road Nursery, New Delhi	1 <sup>st</sup>	Shri Ram Singh Meena, Dy. Director (Hort.) Division-II

**Best Maintained Building**

S No.	Unit	Name of Building	Prize	Recipient of Award
1	NDZ-I	Vayu Bhawan, New Delhi	1 <sup>st</sup>	Shri Vikas Rana, CE,NDZ-I
2	VBC	Vigyan Bhawan, New Delhi	Special Prize	Shri Ram Nath Ram, SE, VBC

**Five Year  
VISION  
DOCUMENT  
of CPWD**

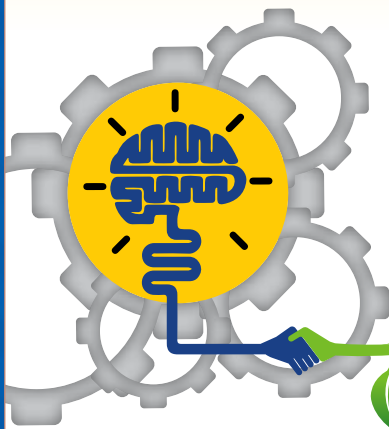
The Central Public Works Department being a Principal Engineering Organization and Technical Advisor to Government of India strives to position itself with global presence and to become the most coveted destination for the Central and State Governments and other Clients/Stakeholders.

**The following key transformations are envisaged.**

- Create and maintain the built environment by attaining highest standards of sustainability, quality and clients satisfaction.
- Construct all buildings as green and barrier free.
- Attain a 25% annual growth in the workload of the department by taking works of Ministry of External Affairs, Roads & Highways and State Governments.
- Adopt best construction practices and new technologies in construction and expand the Technical Advisory Role of the Department.
- Make presence of CPWD Engineers in various Ministries/Departments of Government of India for rendering technical advice and works management.
- Discharge regulatory functions for the construction sector on behalf of the Central Government.
- Implementation of the ERP in CPWD and complete digitization of all activities in CPWD.
- Create SPVs to take up redevelopment works through alternate funding.
- Establish a dedicated Research, Development and Innovation Center at National CPWD Academy.
- Establish Green Rating, Energy Rating and Heritage Conservation Cell in the Department.
- Comprehensive career development and HR up-gradation through global exposure to enable Engineers and Architects to imbibe State of the Art construction and management practices.
- Periodic Updation of CPWD Works Manual, General Conditions of Contract, Delhi Schedule of Rates, Specifications and other publications of CPWD.
- Comprehensive outsourcing of maintenance to provide highest users satisfaction.



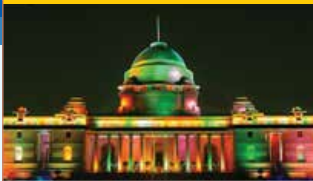
CPWD : *Dedicated to Nation Building Since 1854*



CELEBRATING  
**165<sup>th</sup> CPWD Day**  
12<sup>th</sup> JULY, 2019



*Innovative Development for a New India*



Dynamic Facade Lighting - Rashtrapati Bhavan



Dr. B.R. Ambedkar National Memorial, New Delhi



IIT Madras



NISM, Mumbai



IIT Kharagpur



**Central Public Works Department**