

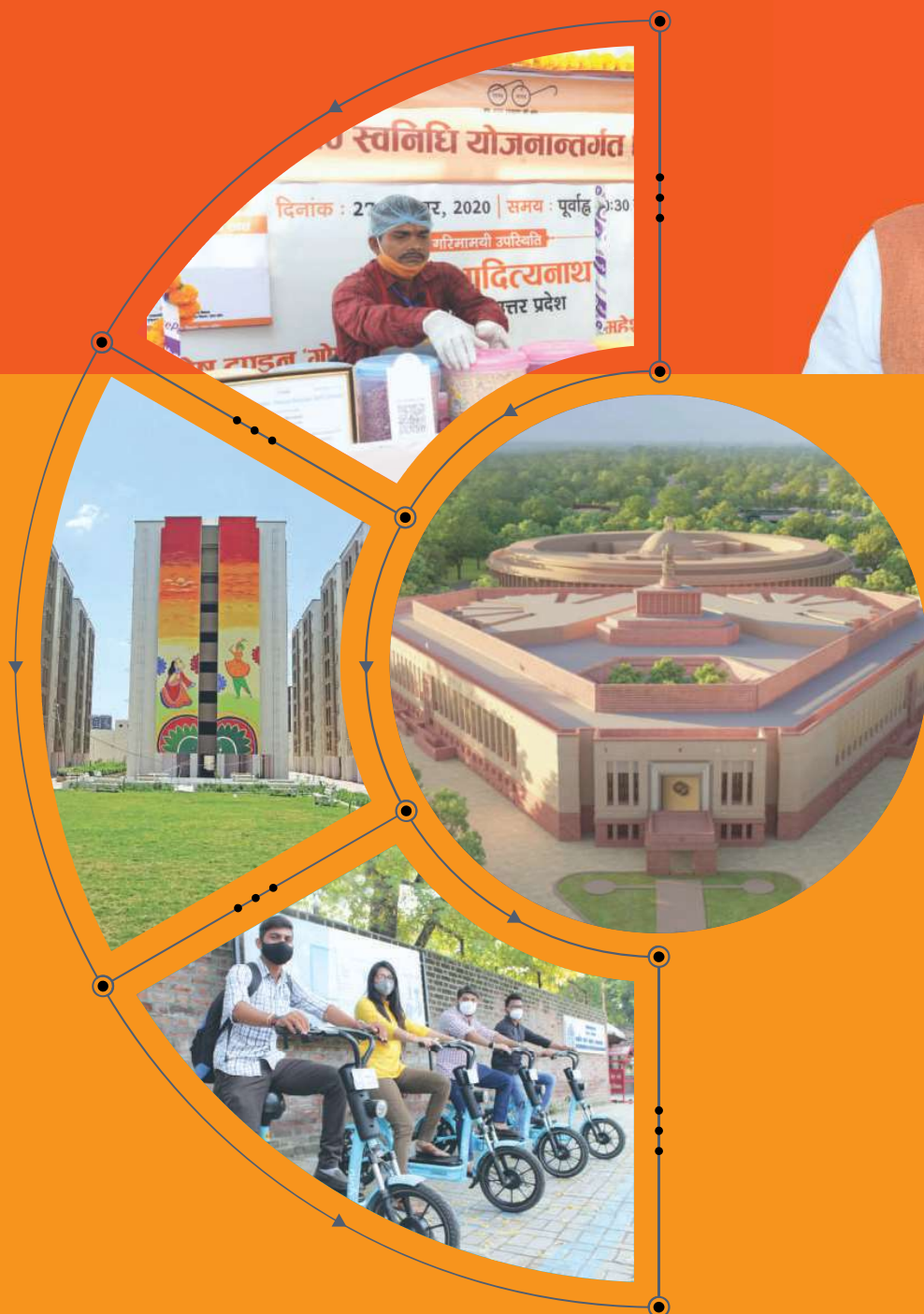


सत्यमेव जयते



Ministry of Housing and Urban Affairs
Government of India

ANNUAL REPORT 2020-21





"India is set to experience the largest wave of urbanization in the world in the next two decades. More than a challenge, we see it as an opportunity towards urban transformation. With the help of all stakeholders, we will achieve the dream of resilient and prosperous global cities."

"People in the economic field consider cities as growth centre...if anything has the potential to mitigate poverty, it is our cities. That is why people from poor places migrate to cities, as they find opportunities there."

"All round work that is being done for Housing for All is bringing positive change in the lives of crores of poor & middle class families."

Narendra Modi
Prime Minister



**MINISTRY
OF
HOUSING
AND
URBAN AFFAIRS**



सत्यमेव जयते

**ANNUAL REPORT
2020-21**

<http://mohua.gov.in>

15.01 Central Public Works Department, an attached office in the Ministry of Housing and Urban Affairs, is a Principal Engineering Organization and Technical Advisor to the Government of India with a proven track record of over 166 years and has expertise in all facets of built environment. CPWD is a total Service Provider, capable of giving single window service for all facets of built environment with complete accountability and responsibility.

15.02 CPWD renders most comprehensive services in the field of planning, designing and construction from concept to completion for all Building & Infrastructure projects with Total Quality Assurance including post construction maintenance management. It is involved in execution of wide range of projects catering to all spheres of human activities such as Housing, Office space, Hospitals, Educational Institutions, Roads, Bridges, Flyovers, Airports, Tourism and Culture, Environmental and other utility services. It also executes Border Fencing, Flood lighting and Road projects in difficult terrain under hostile conditions along borders.

15.03 CPWD, in its endeavour to provide its best services to the Clients and Stakeholders has taken several radical measures. It has adopted best construction & project management practices, new technologies & innovations in its works. CPWD is now delivering projects on time with quality and economy.

15.04 CPWD has undergone an unprecedented paradigm shift in its functioning and it has picked up momentum of growth keeping its vision and mission clear and focused and transformed into 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.

Functions

15.05 Major Functions of CPWD are Construction and Maintenance. Construction works are of various kinds: e.g. Buildings of various kinds - Residential, Office, Schools, Laboratories, Hospitals, Stadia, Gymnasias and Auditoria, Storages etc. and non-Building Infrastructure works - highways, flyovers, tunnels, bridges, jetties, sports facilities, border fencing, airports, runways etc.

15.06 CPWD maintains a very large building stock of General Pool residential accommodation and Central Government Buildings. Approximate number of residential units maintained by CPWD is more than 155000 units and office area maintained by CPWD is more than 73 lakh square metres.

15.07 CPWD is also involved in discharge of other multiple functions e.g. Technical Advice to Government, Custody of Estates, Valuation, Rent Assessment, Standardization and Benchmarking of construction activities through issue of Schedule of Rates, Specifications etc., processing of DPRs for Border Works and other ministries for centrally funded works. CPWD also assists in organizing Public and Ceremonial Functions, and upkeep of Historical and Important Monuments, Structures and Samadhis etc.

15.08 Vision and Mission of CPWD

- i. Central Public Works Department strives to position itself with global presence and to become the most coveted destination for the Central and State Governments and other Clients/Stakeholders.
- ii. Attain a 25% annual growth in the workload of the department by taking works of Ministry of External Affairs, Roads & Highways and State Governments.
- iii. Create and maintain the built environment by attaining highest standards of sustainability, quality and clients satisfaction.
- iv. Construct all buildings as green and barrier free.
- v. Adopt best construction practices and new technologies in construction and expand the Technical Advisory Role of the Department.
- vi. Make presence of CPWD Engineers in various Ministries/Departments of Government of India for rendering technical advice and works management.
- vii. Implementation of the ERP in CPWD and complete digitization of all activities in CPWD.
- viii. 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.
- ix. Periodic Updation of CPWD Works Manual, General Conditions of Contract, Delhi Schedule of Rates, Specifications and other publications of CPWD.
- x. 100% Comprehensive outsourcing of maintenance to provide highest users satisfaction.

Setup of CPWD

15.09 Central Public Works Department is headed by the Director General who is also the Principal Technical Advisor to the Government of India. Jurisdiction of the Department is divided into Project Regions and Field Regions headed by Special Directors General / Additional Directors General. Project Units under Project Regions are headed by the Chief Engineers / Superintending Engineers. Zones and Circles under field regions are also headed by Chief Engineers / Superintending Engineers. Field Divisions and Sub-Divisions are headed by the Executive Engineers / Assistant Engineers.

Cadres in CPWD

15.10 CPWD has three organized Group 'A' Services which are controlled by the Ministry of Housing and Urban Affairs. These are Central Engineering Service (Civil), Central Electrical & Mechanical Service and Central Architects Service.

15.11 There are also a few Group 'A' posts in the Horticulture Cadre. There are Group 'B' & 'C' subordinate services for Engineers, Architects, Horticulturist, Ministerial staff, Engineering Drawing Staff, Stenographers and Rajbhasa staff. CPWD also has a large strength of workmen in various categories, called Work Charged cadre.

15.12 To ensure that the accounts of CPWD are seamless with the accounts of the Government, Director (Finance), Accountants and Financial Officers drawn from cadre controlled by Controller General of Accounts, Government of India are posted in different units of CPWD.

15.13 Similarly, for administrative functions, Ministerial staff from Central Secretariat Service Cadre, Central Rajbhasa cadre and a Law Officer from the cadre of Ministry of Law & Justice are posted in Central Office and in most Zonal Offices. A contingent from NIC cadre

also assists in IT related functions. Officers drawn from the Ministry of Labour are posted to various field locations for Labour Welfare functions.

15.14 CPWD Cadres, both Technical and Non-Technical, are en-cadred in various organizations such as Delhi PWD, Income Tax Department and Ministry of Environment & Forest etc. In addition to this, many CPWD personnel are deployed on deputation to a host of Government Ministries/ Departments, autonomous and public sector entities. At present, CPWD on its roll, has 1240 Group 'A' Officers, 5531 Group 'B' Officers and 13066 Group 'C' Staff including work-charge Staff. Total present strength of CPWD is 19837.

Functional Units

15.15 The basic unit of execution of work is the Division which is further divided into Sub-divisions and Sections which are headed by Executive Engineer, Assistant Engineer/Assistant Executive Engineer and Junior Engineer respectively

15.16 One or more Division(s) are placed under the control of a Circle/Zone headed by Superintending Engineer/Chief Engineer and one or more circles are placed under the control of a Region headed by Additional Director General. A Project Unit consists of Executive Engineers of one or more streams and headed by Superintending Engineer cum Project Director or Chief Engineer cum Executive Director. On the Architecture side, the basic unit of Planning may be either Architect or Senior Architect and one or more Senior Architect Units are placed under the control of a Chief Architect.

Specialized Units of CPWD

15.17 **Design and Disaster Mitigation Unit** :Design and Disasters Mitigation (D&DM), a specialized unit of CPWD, is involved in the field of structural design, new construction techniques, materials testing, soil investigations, repairs and rehabilitation of structure in distress, development of software etc. The unit is also actively involved in Disaster Management and Mitigation activities of NDMA.

15.18 Contract, Specifications and Quality Assurance (CSQ) Civil unit

- i. **Contract and Manual Unit:** This unit is responsible for registration and revalidation of contractors, updating of CPWD manual. This unit also issues Technical Circulars in respect of Contracts, Manuals and Delegation of Powers to various officers of CPWD.
- ii. **Quality Assurance Unit:** This unit is responsible for conducting inspection of various construction and maintenance works, issue of Inspection reports for assurance of quality in the works. Regular inspections of major works are carried out by this unit.
- iii. **Techno-Legal Cell :** This unit is responsible for dealing with the arbitration cases, Court cases, and approval of counter statement of facts in the Arbitration cases, other litigation matters and issue of circulars regarding all the above activities.
- iv. **Technology Application & Specifications Unit:** This unit is responsible for updating the Specifications of works, issue of circulars from time to time, laying down specifications for new materials, approval of Cost Index, revision and updating of schedule of rates etc.

15.19 **Contract, Specifications and Quality Assurance (CSQ) Electrical unit:** This unit is responsible for implementation of Energy Efficiency Measures of the Govt. Buildings maintained by CPWD, framing of Enlistment Rules for Category-Lifts, Class-A, review of Enlistment

Rules, preparation of DSR & AOR (E&M), DSR & AOR of Wet Riser System. CPWD General Specifications for Electrical Works, Automatic Fire Alarm System etc.

15.20 e-Governance & Business Development Unit: e-Governance & Business Development unit is engaged to achieve transparency, accountability and simplification of work-processes in functioning of CPWD. It is also dealing with the Business Development functions of the Department. CPWD has taken numerous e-governance initiatives in line with Digital India Program and many web-based applications have been developed and implemented which have revamped the functioning of the Department.

15.21 National CPWD Academy and Regional Training Institutes : CPWD has its main Training Academy at Ghaziabad and Regional Training Institutes at Delhi, Mumbai, Kolkata, Chennai and Guwahati. These Institutes conduct number of courses for officers and staff of all disciplines. The training programs of the Institute include foundation courses for direct recruit officers, orientation program for newly promoted officers and other staff etc. and in-service training to officers at different stages. Due to COVID -19 pandemic regular class room trainings could not be conducted, however webinars on various topics have been conducted on online.

15.22 Vigilance Unit: Vigilance Unit of CPWD is responsible for maintaining probity, integrity and efficiency in the organization under the general superintendence of Central Vigilance Commission. Vigilance Unit of CPWD is headed by the Chief Vigilance Officer who is of the rank of Joint Secretary to Government of India from the Central Staffing Scheme. In addition to the vigilance set-up in the Head Quarters, CVO is assisted in the field by Deputy Chief Vigilance Officers' of the rank of SE's posted in all regional offices of CPWD, who act as nodal officers in monitoring the vigilance related complaints & inquiries in their respective regions.

15.23 A special campaign has been launched by the vigilance unit of CPWD and all out efforts have been made to expedite the investigations and dispose of old pending complaints. As a result, a record number of 71 complaints were disposed of after doing investigations.

15.24 One-Day Training programmes for SE's, EE's & AE's of Vigilance Unit, CPWD were organised on 14.01.2020 and 28.01.2020 on 'Formatting of Investigation Report', 'Drafting of charge sheet', etc.

15.25 Vigilance Awareness Week (VAW) was observed in a big way. The integrity pledge was administered by Shri Vinit Kumar Jayaswal, Director General CPWD through Video Conferencing to all the employees of CPWD. This pledge was also taken by all employees of CPWD posted all over India. To promote awareness among all stakeholders about the importance of vigilance in all spheres, posters were designed and displayed on homepage of CPWD website during VAW 2020 by the Vigilance Unit. Essay, Painting, Slogan, Debate and Quiz competitions for the employees were organised in the Directorate by the Vigilance Unit on the main theme given by CVC i.e. "Vigilant India-Prosperous India". Further Interactive sessions of CVO with representative of Residents Welfare Associations and Members of CPWD Contractors Association were held. Also, an Interactive Session for officers of SE and above level of PWD, GNCTD was organised.

15.26 With a view to bring in permanent improvements in the working processes and to increase the efficiency and productivity of the organization, the vigilance unit has recommended 08 nos. systemic improvements in working process during the year.

Grievances Redressal and Service Delivery

15.27 Grievances Redressal Mechanism: CPWD has Grievances Redressal Mechanism at place for handling of grievances in CPWD. The designated Public Grievance Officer in the Directorate of CPWD is:

Deputy Director General (Works)
Room No. 114, 'A' Wing
Nirman Bhawan, New Delhi
Tel No. 23061506

15.28 Citizen Charter: To reflect the commitment of CPWD in the matter of construction and maintenance of Residential and Non-Residential buildings and other service activities, a Citizen Charter in harmony with Sevottam policy of the Government has been formulated by CPWD and has been put on the CPWD website www.cpwd.gov.in.

15.29 Maintenance Charter: To enhance users' satisfaction of the maintenance services, Maintenance Charter indicating strict time frame for attending to different activities related to the maintenance is operational. Service requests related to maintenance are lodged through online portal CPWD e-Sewa. Feedback of the client received after attending the complaints are monitored for assessment of satisfaction and improvement.

15.30 Implementation of Right to Information Act 2005: CPWD has already setup necessary infrastructure to implement the Right to Information Act 2005. Details of the CPIOs and Appellate Authorities of CPWD have been put on the CPWD website www.cpwd.gov.in.

15.31 Information and Facilitation Centre: As a step towards administrative reforms and institution of citizen-centric governance for disseminating information to the citizen/ user regarding the activities of the organization, an Information and Facilitation Centre for CPWD is functional at Nirman Bhawan, New Delhi.

15.32 Institution of Awards by CPWD: CPWD has instituted awards such as Director General's Medals and Commendation Certificates for outstanding achievement and meritorious services rendered by officers and staff of CPWD. Best Buildings / Projects in different categories are also awarded Certificates of Merits. These awards are being given regularly.

15.33 Welfare measures for SC/ST and minorities

- | | |
|---|--|
| (i) Implementation of Prime Minister's 15 points programmes of Minority Welfare | CPWD is concerned with only one point i.e. Recruitment to Centre Services (No.10). In CPWD, Gazetted Employees are recruited through UPSC and Non-Gazetted are recruited through SSC. |
| (ii) Activities of the Special cell set-up under the control of the Liason Officers | Taking up grievances of SC/ST Employees with the competent authority on the following:
<ol style="list-style-type: none">1) Seniority List2) Request for transfer/posting3) Promotion4) Compliance of reservation orders and other benefits admissible to SC/STs |

- | | |
|--|---|
| (iii) Inspection of Rosters conducted by the various Liason Officers: | Conducting annual inspection of post based rosters of various grades and keeping a record of such inspection. |
| (iv) Appreciation/Orientation courses for SCs/STs conducted for various levels of officers | Regular training are conducted in Regional Training Centres for all including SCs/STs |

Work Performance of CPWD

15.34 Actual Work Load of CPWD for the year 2020-21

(Rs. in Crore)

Sl. No.	Description	Workload of Construction & Maintenance
1	Actual expenditure (January 2020 – December 2020)	8532.56+1748.80= 10,281.36
2	Anticipated expenditure (January 2021 - March 2021)	5178.03+940.53= 6,118.56
	Total	16,399.92

15.35 Some of the large single value projects entrusted to CPWD

- Phase-I for NIT Goa - Rs. 231 crore
- IIM Amritsar -Rs. 287 crore
- IIT Bhilai, Chhatisgarh Ph-I – Rs. 720 crore
- IIM Sirmaur at DhaulaKuan, Sirmaur, Himachal Pradesh - Rs. 261 crore
- Border Roads along Indo-Pak Border in Bhuj, Gujarat - Rs. 129 crore
- Medical College and Hospital at Hamirpur, Himachal Pradesh – Rs. 323 crore
- IISER Tirupati Phase-I – Rs. 440 crore
- GPRA at New Raipur – Rs. 252 crore
- IIM Bodhgaya, Bihar – Rs. 300 crore
- IIT Jammu, Ph-1C, Jammu – Rs. 532 crore
- New Parliament Building, New Delhi – Rs. 861 crore
- IIM Jammu, Ph-1 at Jagti, Jammu – Rs. 376 crore
- AIIMS Awantipora, Kashmir – Rs. 1649.37 crore

15.36 Overseas works assigned to CPWD

- Work of National Police Academy, Nepal
- Works of Women Police Academy, Myanmar
- Works of Mental Hospital, South Sudan

Foundation stone laying ceremony of New Parliament Building on December 10, 2020

15.37 The Hon'ble Prime Minister of India laid the foundation stone for the prestigious New Parliament Building at Sansad Marg, New Delhi. It was indeed a historic occasion which saw the presence of Hon'ble Speaker, Ministers, Heads of Organizations, Industrialists, and many distinguished personalities. The New Parliament Building at an estimate cost of Rs.971 crore will be ready to host winter session in the 75th year of our independence in 2022. The New Parliament Building will provide upgraded and expanded facilities for the functioning of Parliament.

15.38 The work has been awarded to M/s Tata Project Limited at tendered cost of Rs.861 crore including 5 years operation and maintenance. The total built up area of the new parliament is 58,700 sqm. It will comprise of Lok Sabha Chamber with capacity for 876 members, Rajya Sabha Chamber with capacity for 384 members, Lok Sabha Chamber for joint session with capacity for 1224 members, 6 Committee Rooms, Central Lounge, Library, Dining Hall, Constitution Gallery, Common Lounge etc. It will also accommodate offices of 92 Minister along with offices of Speaker, LS, Chairman, Rajya Sabha and Secretariat. The new building will be constructed using latest technology and will have all modern amenities with latest unobtrusive security system, acoustic, audio video facilitates, touch screen interactive panels with digital voting, data network system. Eco-friendly green and energy efficient features shall be used so that construction complies with CPWD Green rating. Provision for recycling of waste water and rain water storage will be provided. Additionally, about 800 Chambers are planned to be constructed across Red Cross Road at location of Shram Shakti Bhawan and Transport Bhawan and will be connected seamlessly with the Parliament Complex.

15.39 It will be completed by March, 2024. Meanwhile, the offices in Shram Shakti Bhawan and Transport Bhawan will be temporarily shifted to new building under construction at KG Marg.



15.40 The work of new parliament building entrusted to CPWD by the Ministry of Housing and Urban Affairs shall be executed in a time bound manner and will be completed by October, 2022 with highest quality standards by the dedicated project team of CPWD Engineers and Architects under the dynamic leadership of Shri Vinit Kumar Jayaswal, Director General, CPWD. It shall serve as a landmark to commemorate the 75th year of Indian Independence showcasing a magnificent blend of Architecture and Engineering.

Works Completed

15.41 Some of the major works completed and inaugurated by the VVIPs are as under:



Hon'ble Prime Minister of India inaugurated 76 flats for Hon'ble MPs on November 23, 2020 at Dr. BD Marg, New Delhi



76 flats for Hon'ble MPs at Dr. BD Marg, New Delhi



Hon'ble Prime Minister of India, besides many other projects inaugurated six State of the Art Iconic projects completed by CPWD at Varanasi during a function held at Varanasi on February 16, 2020.



Centenary 430 bedded Super Speciality Hospital, 74 Bedded Psychiatric Hospital, Vedic Vigyan Kendra, Bharat Adhyayan Kendra, 99 Residential flats for Tata Memorial Trust and Rejuvenated Mandakini Kund, at Varanasi



Hon'ble Prime Minister of India inaugurated 'Rashtriya Swachhta Kendra' at Gandhi Darshan, Rajghat, New Delhi on August 08, 2020.



'Rashtriya Swachhta Kendra' at Gandhi Darshan, Rajghat, New Delhi



Shri Amit Shah, Hon'ble Home Minister inaugurated the Regional Hub for NSG at Rajarhat, Kolkata on March, 01, 2020.



Regional Hub for NSG at Rajarhat, Kolkata



Shri Ramesh Pokhriyal 'Nishank', Hon'ble Minister of Human Resource Development virtually inaugurated 'Diamond Jubilee Lecture Hall Complex' at NIT Jamshedpur on October 20, 2020



'Diamond Jubilee Lecture Hall Complex NIT Jamshedpur



Shri Ramesh Pokhriyal 'Nishank', Hon'ble Minister of Education, virtually inaugurated Phase 1A buildings of National Institute of Technology Andhra Pradesh at Tadepalligudem, Andhra Pradesh on October 27, 2020



National Institute of Technology Andhra Pradesh



Dr. Ramesh Pokhriyal 'Nishank', Hon'ble Minister of Education virtually inaugurated 200 Teacher's flats constructed by CPWD at Banaras Hindu University, Varanasi on August 27, 2020



200 Teacher's flats at Banaras Hindu University, Varanasi



Shri Ramesh Pokhriyal "NISHANK", Hon'ble Minister for Human Resource Department inaugurated 'Building for School of Education (SARASWATHI)' Central University Kerala at Periya, Kasargod on February 25, 2020



Boys Hostel, Wi-Fi Park, Seminar Hall and Engineering Workshop at Central University of Haryana, Mahendragarh

15.42 Some other completed buildings



State-of-the-Art Dynamic Architectural Illumination with synchronized light & sound system of RabindraSetu (Howrah Bridge) Kolkata



State-of-the-Art Dynamic Façade Lighting of Itanagar Secretariat Building on the occasion of Arunachal Day



Corona Care and Quarantine Facility Centre, IIM Campus, Shillong



Shram Bureau Bhawan, Chandigarh



Climate Chamber and Animal House facilities, National Institute of Animal Nutrition and Physiology, Bangalore



Excellent Multi Purpose Security Infrastructure for ITBP at Prayagraj, UP



720 Men Barrack ITBP Tigri, New Delhi



Type-IV Residential Qtrs. CRPF, Group Centre Phaphamau, Allahabad



Barrack Building constructed by CPWD at CRPF Group Centre Prayagraj Allahabad



Dining Hall and Food Court Building, IIT Indore



180 Men Barrack for CRPE, Jhaphan Muzaffarpur, Bihar



77 Nos. Type-II Family Quarters GC CRPF Chandrayanguta, Hyderabad



GST Bhawan, Panchkula



Learning Resource Center, IIT Indore



Vikramshila Seminar Hall, IIT Indore



TAC & support weapon group building, BSF, MeruHazaribagh



Office building of Dredging Corporation of India, Visakhapatnam, Andhra Pradesh



Administrative and Training Block SSB, TTC, Kasumpti, Shimla (H.P.)

15.43 Some of new works for which foundation stone have been laid

- **Animal House at JIPMER Campus at Puducherry**



Shri Rakesh Aggarwal, Director, JIPMER laid Foundation Stone for Construction of Animal House at JIPMER Campus at Puducherry on March 12, 2020



Proposed building for Animal House at JIPMER Campus at Puducherry

- **Proposed 48 multi storied Faculty Quarters at Motilal Nehru National Institute of Technology Allahabad**



Prof. Rajeev Tripathi, Director, MNNIT Allahabad laid foundation stone for construction of 48 multi storied Faculty Quarters at Motilal Nehru National Institute of Technology Allahabad on August 23, 2020



Proposed 48 multi storied Faculty Quarters at Motilal Nehru National Institute of Technology Allahabad

- **Holiday Home at Thiruvananthapuram**



Shri V K Jayaswal, Director General, CPWD laid foundation stone for construction of Holiday Home at Thiruvananthapuram on October 19, 2020



Proposed Holiday Home at Thiruvananthapuram

15.44 Some of the major works in progress



Boys Hostel at IITM, Chennai



*New Helicopter Manufacturing Factory in
Gubbi Taluk, Tumakuru District (Karnataka)*



*Construction of Permanent Campus for Indian
Institute of Technology Palakkad Phase- I (A)*



CGST Office Building, Udaipur, Rajasthan



*School of Engineering Sciences & Technology
block at Hyderabad Central University*



*Academic Block and Administrative
Block for AIIMS, Raipur*



*Permanent Campus of IISER Project, at-
Berhampur, Odisha*



683 Residential quarters at GC, CRPF, Chandauli

15.45 Activities of CPWD in North East Region

- i. CPWD is actively engaged in executing a number of projects for various Central Government Departments and Autonomous Bodies in all Seven States of North East namely Assam, Arunachal Pradesh, Meghalaya, Nagaland, Mizoram, Manipur and Tripura.
- ii. CPWD has already created a new Region namely 'Region Guwahati' headed by Special Director General level officer stationed at Guwahati to closely monitor the progress of works being executed in North Eastern states.
- iii. CPWD Engineers and staff have successfully delivered many credit worthy projects in this Region despite the limited accessibility and reduced working season. CPWD has to its credit the development of permanent capital of the State of Arunachal Pradesh at Itanagar, large number of campuses of Central Police Organizations, Educational Institutes, various Central Government Department and aviation infrastructure in the Region. During last financial year 2019-20 CPWD achieved the work load of Rs. 587 Crore and during this financial year despite restrictions due to COVID-19 pandemic, CPWD is likely to achieve a work load of Rs.420 Crore.

CPWD has completed remarkable works in the recent past to name a few:

- A-I Type School Building including Staff Quarters for Kendriya Vidyalaya at Champhai, Mizoram.
- Permanent Campus for Regional Centre of Indian Institute of Mass Communication complex at Aizawl, Mizoram.
- Office cum laboratory complex including Regional Training Institute of Geological survey of India, Shillong.

CPWD is presently executing a number of prestigious projects to name a few:

- Film and Television Institute at Jollag-Rakap Village, Itanagar, District Papumpare, Arunachal Pradesh.
- Mukroh Umspar linking Jrikyndeng Road (West Jaintia Hills) Meghalaya and Assam under North East Road Sector Development Scheme (NERSDS) of Ministry of DoNER.
- Admin, Academic & Library Block Building including development works at Ekalavya Campus, Rastriya Sanskrit Sansthan, Lembucherra, Agartala.
- 200 Nos. T-II Qtrs. (Separate Family Accommodation) and Admn. Block including communication & Training Block, Provisioning complex and OR's Accommodation at Frontier HQ., SSB, Sonapur, Guwahati, Assam.
- Office cum Residential Complex for Anti-Corruption Branch, CBI at Mawdiangdiang, Shillong.
- Permanent campus for Indian Institute of Management at Shillong, Meghalaya
- Phase-A work at JNV Kiphire, Nagaland
- Eklavya Model Residential School (EMRS) Building with Girls and Boys Hostel i/c Wardens/Staff residence, Kitchen Dining at 6 Nos. various locations in the State of Tripura.



*Regional Centre of IIMC Complex at Aizawl
(Mizoram)*



*120 men barrack for 10th bn. ITBP at Kimin
(Arunachal Pradesh)*



Agartala Government Medical College, Tripura



Staff Quarters for Tripura University, Agartala



IIM Shillong, Meghalaya



Hostel Block IIM Shillong, Meghalaya



Academic Block IIM Shillong, Meghalaya



Residential Quarters, IIM, Shillong, Meghalaya



Geological Survey of India, Shillong



School Building Kendriya Vidyalaya, Silchar

15.46 Border Roads, Fencing & Flood Lighting Works

- i. CPWD is actively engaged in development of Border Infrastructure and executing the works of border fencing, road, BOPs and Flood lighting works along Indo-Pak Border, Indo-Bangladesh Border and Indo-China Border.
- ii. CPWD has taken up the works of strengthening/retrofitting of border roads in the state of Gujarat, West Bengal, Assam, Meghalaya, Tripura and Mizoram as extra ordinary repairs with an amount of about more than Rs. 500 Cr in different stretches. Works are in progress. With completion of these works, the all weather mobility of BSF will be available along IBB and IPB.
- iii. CPWD has under taken Replacement of Border Flood Lighting infrastructure along Indo-Pak Border under Punjab, Rajasthan and Jammu Sector along IPB. The proposal has been sanctioned by MHA amounting to Rs 340 Crore. The work in various packages have been awarded and in progress. The work is likely to be completed in September 2021.

Some of the Border Works executed by CPWD



Modular (Smart) Fencing in Assam on IBB



Replacement of Border Flood Lighting infrastructure along Indo-Pak Border under Punjab Frontier (in progress)



Thangu to Muguthang ICBR Road in Progress



Site photos of NitiGeldung ICBR Road



*Replacement of Border Flood Lighting infrastructure along
Indo-Pak Border under Punjab Frontier (in progress)*

15.47 Some of the New MoUs

- MoU signed with Indira Gandhi National Open University (IGNOU) for undertaking their construction and maintenance works across the country.
- MoU signed with Police Department, Ladakh UT for construction of their works in Ladakh UT.
- MoU signed with Indian Institute of Science (IISc), Bengaluru on August 17, 2020 for construction of additional infrastructure works in the campus.
- MoU signed with NIT Srinagar, Garhwal for construction of residential & non-residential buildings at NIT Srinagar on August 29, 2020.
- MoU signed with Guru Ghasidas Viswavidyalaya, Bilaspur, Chhattisgarh for construction of infrastructure works on August 25, 2020.
- MoU signed with Kerala Veterinary and Animal Sciences University on October 16, 2020 for construction of laboratory and other ancillary buildings at Thrissur, Kerala.
- MoU signed with Central Institute of Plastics Engineering & Technology (CIPET) on November 09, 2020 for the construction of additional two floors of the existing building of administrative block and 100 bedded boys hostel of CIPET at Kochi, Kerala.
- MoU signed with Indian Society of Lighting Engineers (Delhi State) on December 10, 2020 in New Delhi.

- MoU signed with CPWD and Rajiv Gandhi Centre of Biotechnology, Thiruvananthapuram on December 31, 2020 for construction of Animal Research Facility and other works at Akkulam, Trivandrum.

15.48 **Efforts made to bring systematic changes to improve efficiency, effectiveness and transparency and public image**

i. e-Governance initiatives

- Creation of new structure of offices to implement restructuring in CPWD
 - Modification in the Departmental Examination Management Processing System (DEMPS) Portal
 - Modification in Posting Option Module
 - Launch of new version of CPWD Sewa Mobile Application
 - Module for Monitoring of Arbitration Case and Acceptance/Challenge of Award
 - Dashboard for CPWD Control and Command Centre
 - Upgradation of VIP reference module
 - Online Reporting Module for Procurement done through GeM
 - VMS System for CPWD Control and Command Centre
 - Online module for 'Contractors' Enlistment Management System
 - Online Module for Issue of Labour Clearance Certificate
 - Module for Design Competition for Iconic Structure
- With the approval of the Ministry, improvement in restructured setup of the department by detaching the planning units from SDG offices to ADG offices effected.
 - A think tank, named as Change Management Committee (CMC) has been formed in the directorate for critical introspection and suggesting action plan on major policy, growth, productivity, human resource, works, technological development and e-Governance related issues.
 - Works Manual provisions amended by reducing the advance deposit from 33.33% to 10% for works up to 200 crore and 5% for the works costing beyond 200 crore to ease the financial burden and avoid loss of interest on the deposits to the project owners.
 - Constitution of the regional works boards streamlined for speedy disposal of tenders.
 - To develop professional competencies and multidisciplinary skills in newly recruited Engineers and Architects, comprehensive induction training policy notified.
 - Introduction of Central Public Procurement Portal (CPPP), Government e- Marketplace (GeM), preferential market access for micro and small enterprises, preference for domestic manufacturers, Contracts on EPC mode etc. for effective execution of works and delivery of services.

15.49 Eco Friendly & Sustainable Initiatives

- CPWD has taken firm initiatives for generation of renewable energy in government buildings. Roof Top Solar PV Plants have been made mandatory in all new projects of CPWD. So far, solar plants totalling to 7.75 MWp and 12.23 MWp have been installed in GPOA and Non GPOA Building respectively.
- All new constructions are being done with energy efficient fittings and fixtures. Bureau of Energy Efficiency (BEE) has star rated 37 CPWD Buildings on Energy Efficiency ranging from 2 star to 5 star up to December, 2020.
- LED based lighting fixtures have been installed in 150 GPOA Buildings and 397 Non-GPOA buildings.
- To address the problem of depleting ground water resources, CPWD has made it mandatory to install Rain Water Harvesting system and Waste Water Recycling plant in all its major projects. So far over 1100 Rain Water Harvesting Systems have been installed.
- New campuses by CPWD are being developed with zero discharge and zero waste concept.
- Towards 'Catch the rain and greening' campaign, CPWD planted over 10,000 of medicinal and fruit bearing plants at various residential colonies and office complexes in Delhi and other places, maintained by it, across the country.
- To save water, dual piping system has been mandated in all new CPWD projects, wherein waste water after treatment shall be used for flushing.
- Comprehensive outsourcing of maintenance has been adopted, which has been found about 28% more economical than conventional maintenance with work charged staff. It has also increased user's satisfaction level from 95% to nearly 100%.

15.50 Accessible India Campaign

Under the 'Sugamya Bharat' Mission, CPWD has undertaken the massive task of making public buildings accessible. Under mandate, CPWD has completed accessibility works of 211 Buildings of MoHUA. Accessibility works in 800 Buildings of other Ministries have also been completed by the CPWD.

15.51 Use of Modern and Innovative Technologies

CPWD took a leap in adoption of 46 new construction technologies and 14 E&M technologies which are both energy efficient and environment friendly. These new technologies are now being extensively used by CPWD in its projects and found to be fast, eco-friendly and in conformity with the green and sustainable development.

15.52 Skilling and Health of Construction Workers

Skilling Mission has been taken as a social responsibility for unskilled workers engaged at construction sites. Provision of skilling of construction workers increased in GCC from 20% to 30%.



15.53 Welfare of Construction Workers

Under the backdrop of MoU signed with CPWD Officers Wives Association for welfare of the construction workers, so far, over a dozen health campus have been organized and equal number of crèches opened by CPWD OWA, which benefitted thousands of workers and their family members.



15.54 Enhanced Visibility of Department

- Newsletter of Department showcasing activities and achievements is being brought out on monthly basis with wide circulation to Clients and senior most functionaries of the Government. This effort has been instrumental in increasing the awareness about CPWD amongst the clients.
- CPWD connected itself with social media through official twitter handle, face book and You Tube Channel.
- Regular interaction with the Electronic and Print Media on activities of the Department.

15.55 Swachh Bharat Mission Activities

- Under SBM, 92 Sewage Treatment Plants have been installed in the existing GPOAs and GPRAs maintained by CPWD.
- For Solid Waste Management, 79 Solid Waste Convertors have been installed in existing GPRAs/GPOAs.
- CPWD is doing waste segregation at source at different locations in Delhi and outside with the help of start-ups with no cost to CPWD.
- To commemorate 150th Birth Anniversary of Mahatma Gandhi on 2nd October, 2020. Various activities on "Cleanliness and no to single use plastic" have been undertaken by CPWD units across the country.



15.56 Important Events

- 166th CPWD Annual Day celebrated on July 12, 2020 in the august presence of Hon'ble Minister, Ministry of Housing and Urban Affairs.



- World Environment day celebrated in the Buddha Jayanti Park on June 05, 2020.
- Russian National Day celebrated on June 12, 2020 in the Buddha Jayanti Park by plantations of Maulshree Trees by Russian Diplomats and Director General, CPWD.
- CPWD organized plogging drive shramdaan event held on October 01, 2020 at Nirman Bhawan, New Delhi. Director General planted tree saplings on the occasion. CPWD Officers and staff participated in a large number.



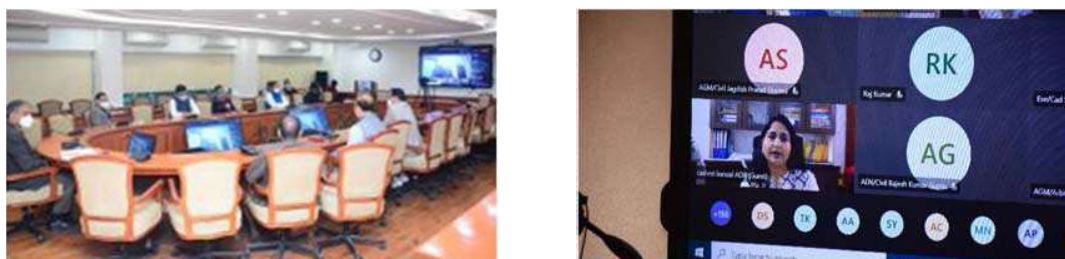
- As a part of 'Jan Andolan Campaign' on COVID-19 launched by the Government, Director General CPWD gave message and administered pledge to CPWD Officers and Staff in New Delhi on 9th October, 2020 to strictly follow the COVID related social behaviour norms in our lives to contain the pandemic.
- CPWD and CISF officers jointly organized the 'Fit India Freedom Run' at Cochin on October 01, 2020.
- Director General, CPWD released two CPWD Publications General Specifications for Electrical Works Part-V (Wet Riser & Sprinkler Systems) 2020 and Handbook on Data Connectivity Framework in Public Buildings during pan India Senior Officers video conferencing on September 24, 2020.



- CPWD organised a webinar on 'Design competition for Iconic Structure at Nav Bharat Udyan' to commemorate 75th year of Indian Independence in Nirman Bhawan on November 11, 2020 and explain the various aspects of the competition.



- On the occasion of 'National Unity Day' to celebrate the Birth Anniversary of Sardar Vallabhbhai Patel on October 31, 2020, Shri V K Jayaswal, Director General CPWD administered pledge to CPWD officers and staff at CPWD Conference Room, Nirman Bhawan, New Delhi.
- Two day webinar & knowledge exchange workshop on 'Draft Strategy for Construction & Demolition (C&D) Waste Management' in Nirman Bhawan from 4th to 5th November, 2020. CPWD officers and representatives from MoHUA, MOEFCC, BMTPC, Minister Counsellor Development Foreign etc. attended the webinar.
- A webinar on 'Constitutional Values and fundamental Principles of the Indian Constitution' organised by CPWD on November 26, 2020 at Nirman Bhawan, New Delhi in the presence of Shri Durga Shanker Mishra, Secretary, MoHUA, Shri V K Jayaswal, Director General, CPWD. About 200 officers from CPWD and MoHUA participated in the webinar.



- Two day webinar and knowledge exchange workshop on 'Adoption of Government led BIM in India' in Nirman Bhawan on December 11 & 14, 2020.
- A webinar on 'Construction technologies for winters in Ladakh' was organized by CPWD on December 17, 2020 at Nirman Bhawan, New Delhi in the presence of Shri Radha Krishna Mathur, Hon'ble Lt. Governor of Ladakh, Shri Tashi Gyalson, Hon'ble Chairman LAHDC, Leh, Shri Feroz Ahmed, Hon'ble Chairman LAHDC, Kargil, Shri V K Jayaswal, Director General CPWD, Shri Umang Narula, Advisor to HLG, Shri Shailendra Sharma, Special Director General CPWD, Shri Ajeet Kumar Sahoo, Commissioner Secretary, PWD Ladakh and representatives from BMTPC, CSIR-CBRI, ICT, IIT etc.



SWACHHATA PLEDGE

Mahatma Gandhi dreamt of an India which was not only free but also clean and developed.

Mahatma Gandhi secured freedom for Mother India.

Now it is our duty to serve Mother India by keeping the country neat and clean.

I take this pledge that I will remain committed towards cleanliness and devote time for this.

I will devote 100 hours per year that is two hours per week to voluntary work for cleanliness. I will neither litter nor let others litter.

I will initiate the quest for cleanliness with myself, my family, my locality, my village and my work place.

I believe that the countries of the world that appear clean are so because their citizens don't indulge in littering nor do they allow it to happen.

With this firm belief, I will propagate the message of Swachh Bharat Mission in villages and towns.

I will encourage 100 other persons to take this pledge which I am taking today.

I will endeavour to make them devote their 100 hours for cleanliness.

I am confident that every step I take towards cleanliness will help in making my country clean.

GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
www.mohua.gov.in

