

CBIP Profile



Central Board of Irrigation & Power

8 Decades of Service to the Nation

Malcha Marg, Chanakyapuri, New Delhi 110021

Ph: 91-11-2611 5984 / 2611 6567, Fax : 91-11-2611 6347

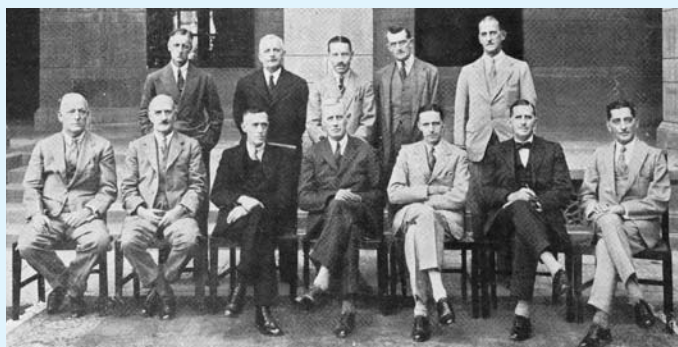
E-mail : cbip@cbip.org; Web : <http://www.cbip.org>



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GENESIS AND GROWTH

- Until 1921, the Government of India and the Secretary of State in London exercised the powers of superintendence, direction and control on all irrigation activities of provincial PWDs, through an Inspector General of Irrigation.
- The Public Works Secretariat of Government of India was abolished in 1923 and the post of Inspector General of Irrigation was converted into that of Consulting Engineer.
- Central Board of Irrigation was constituted on 1st January 1927 with a provision that all schemes submitted to Government of India would be laid before the Board.
- Central Bureau of Information for Irrigation established in 1929 was attached with Central Board of Irrigation to maintain a comprehensive library of irrigation publications.
- With the inclusion of power engineers as members of the Board, **Central Board of Irrigation was renamed as Central Board of Irrigation & Power in 1949.**
- The Board was registered under the Societies Registration Act of 1860 on 21st February 1975.
- The headquarters of the Board was shifted from Shimla to New Delhi in 1952. It started operating from the present office building located at Malcha Marg, Chanakypuri in 1980.
- The Board has set up Regional Information Centres at Hyderabad, Bhopal, Guwahati, Vadodara and Kolkata.



Sitting (L-R) : Mr. C.S.C. Harrison, C.I.E. (Sukkur Barrage and Canals), Mr. R.P. Hadow, C.I.E., (Punjab), Mr. C. Addams Williams, C.I.E. (Bengal), Sir Bernard Darley Kt., C.I.E., President (United Provinces), Mr. D.G. Harris, C.I.E. (Government of India), Col. H. del Pollard-Lowsley, C.M.G., C.I.E., D.S.O. (Central Provinces), Mr. D.R. Satarawala (Sind)

Standing (L-R) : Mr. F.A. Betterton (Bihar and Orissa), Brigadier W.H. Evans., C.I.E., D.S.O. (Baluchistan), Mr. C.M. Lane (Bombay), Mr. W.L. Stampe (United Provinces), Mr. J.M.B. Stuart (Burma)

ORGANISATION OF THE BOARD

- The affairs of the Board are administered, directed and controlled by an Executive Committee consisting of one President, three Vice Presidents (Water Resources, Power and Renewable Energy) and a member each from the organizations which are regularly contributing to the Board.
- The Executive Committee presently comprises of 140 members against 09 in 1931.
- The Engineering Officers of the rank of Chief Engineer and above in the fields of Water Resources, Power and Renewable Energy from Central/State Governments, PSU, Private Sector, etc. belonging to the organisations who are member of CBIP.
- In view of the role being played by the Private Sector, in the development and Management of Power, Water Resources and Renewable Energy sectors, the CBIP recently decided to enroll members from private organizations to enable them to take advantage of expertise available with CBIP. 54 major Pvt. Sector Organisations have already become members of CBIP.

- The General Body presently comprises of about 3000 members.
- Above 300 retired professionals are also enrolled as life members of CBIP.
- Member organizations make annual contributions to CBIP for providing technical services to them.

MAIN OBJECTIVES OF CBIP

- Dissemination of technical information through various modes, e.g., publication of journals, manuals, technical reports, guidelines, organizing seminars and conferences and recognition of technical excellence through awards collection, compilation and analysis of engineering and commercial data at the national level in water resources sector, power sector and renewable energy sector.
- To provide consultancy services and training.
- To provide research and professional excellence.
- To provide linkages to Indian Engineers, Managers and Scientists with their counterparts in other countries and with international organizations.
- To establish a Technical database, technocial development and to provide information services to the professionals.
- Technological forecasting.

ACTIVITIES/SERVICES

RESEARCH ACTIVITIES

- CBIP had been coordinating and monitoring R&D activities, assisting in specific case studies/problems, documentation and dissemination of the results/findings of Research Projects to the practising engineers under the Research Scheme on Power – (RSOP), Research Scheme on River Valley Projects (RSRVP), Research Scheme on Flood Control (RSFC) and Research Scheme on Plasticulture Development (RSPD). Funds for Research Schemes under RSRVP and RSFC were provided by Ministry of Water Resources.
- The results of the research conducted at the various Water Resources and Power Research Stations in the country were discussed in Annual Research Sessions held regularly.

DISSEMINATION OF TECHNICAL KNOWLEDGE THROUGH PUBLICATIONS

- The Board publishes Technical Literature and journals including manuals, guidelines, specifications, etc., (related to the fields of Water Resources, Power Sectors, Rock Mechanics, Tunnelling and Underground works, Large Dams, Geosynthetics etc.).
- Till date about 1000 Technical publications have been brought out by CBIP.
- CBIP has started publishing "monthly" issue of Water and Energy International Journal, instead of Quaterly issues since April 2010. The new journal covers special features on development and management of the activities in power, water resources and renewable energy sectors.
- Indian Chapter of various International Societies having Secretariat in CBIP has started bring out half-yearly journals.
- CBIP has brought out Special Issues of Water & Energy International of some of the important projects such as 1000 MW Tehri HEP, 1000 MW Indira Sagar HEP, 1480 MW Bhakra Nangal Project, 300 MW Chamara II HEP, 520 MW Omkareshwar HEP and 1500 MW Nathpa Jhakri HEP.
- Old publications/Manuals are also reviewed and updated periodically.

DISSEMINATION OF KNOWLEDGE THROUGH NATIONAL/INTERNATIONAL CONFERENCES ETC.

- The Annual Session of the Board held in November 1936 was inaugurated by His Excellency the Viceroy.
- Pt. Jawahar Lal Nehru, the then Prime Minister of India had inaugurated the Board Sessions in 1948, 1952, 1953 & 1958.
- 30th Annual Session of Board held in November 1959 was inaugurated by Late Dr. Rajendra Prasad, the then President of India.
- Late Smt. Indira Gandhi, the then Prime Minister of India inaugurated the Board Session in 1967 and World Congress on Water Resources in 1975.
- Golden Jubilee Session was inaugurated by Late Shri B.D. Jatti, the then Acting President of India in 1977.
- The Thirteenth Congress on Large Dams celebrated as Golden Jubilee Congress of the International Commission on Large Dams (ICOLD) was inaugurated by Shri K.C. Pant, the then Minister for Energy, Govt. of India on 29th October, 1979 at New Delhi.
- Diamond Jubilee Session of the Board was inaugurated by Late Shri Rajiv Gandhi, the then Prime Minister of India in 1987.
- Platinum Jubilee year of CBIP was celebrated on completion of its 75 years in 2002.
- CIGRE Administrative Council Meeting was held at Bangalore in 2005.
- 12th World Water Congress of IWRA was organised at New Delhi in 2005.
- Two Decades of Geosynthetics in India was celebrated at New Delhi during 2006.
- The following Conclaves were organised by Ministry of Power, Govt. of India and Central Electricity Authority (CEA) with Central Board of Irrigation & Power as Co-organiser.
 1. Sustainable Development of Water Innovative Solutions on 22-25 November 2005.
 2. International Conclave on Key Inputs for Accelerated Development of Indian Power Sector for 11th Plan & Beyond on 4-5 July 2007, New Delhi.
 3. International Conclave on Contract Management for Accelerated Development of Indian Hydropower Projects on 16th November, 2007, New Delhi.
 4. National Conclave on Accelerated Development of Power Sector in the North Eastern Region and Sikkim on 4-5 April 2008, Guwahati.
 5. International Conclave on Key Inputs for Accelerated Development of Indian Power Sector for 12th Plan & Beyond on 18-19 August, 2009, New Delhi.
 6. International Conclave on Model Contract Document to Accelerated Hydro Power Development on October 2009 at New Delhi.
- World Tunnel Congress held at Agra in September 2008. Her Excellency the President of India Smt. Pratibha Devisingh Patil addressed the participants (through recorded video) and appreciated the efforts of CBIP.
- 60th International Executive Council Meeting of ICID and 5th Asian Regional Conference on Improvement in Efficiency of Irrigation Projects through Technology Upgradation and Better Operation & Maintenance held at New Delhi during 6-11 Dec. 2009, was inaugurated by Dr. Manmohan Singh, Prime Minister of India.
- Seminar on Solar Power Development in India and Related Techniques was inaugurated by Dr. Farooq Abdullah, Hon'ble Union Minister for MNRE. on 9th Feb. 2010
- ISRM International Symposium 2010, 26th Asian Rock Mechanics Symposium held in New Delhi during 23-27 October, 2010.
- International Conference on Accelerated Development of Hydropower in Bhutan – Opportunities and Challenges was held at Thimpu, Bhutan during 16-18th November 2010, which was

inaugurated by Hon'ble Prime Minister of Bhutan, H.E. Lyonchhoen Jigmi Y Thinley.



TRAINING ACTIVITIES

- CBIP has been organizing Training programs to help the professionals to update their knowledge and help them to gain practical know-how in the field of Power, Water Resources and Renewable Energy Sectors.
- 400 executive trainees of NTPC in 8 batches have so far been trained in Hydro and Thermal disciplines.
- CBIP has started construction to establish a training institute on two Plots already allotted by HUDA at Gurgaon for conducting training programmes on regular basis with residential facilities.
- CBIP has started 26 weeks PGDC on T&D System for fresh graduate engineers w.e.f. 25th July, 2011 and also 52 weeks Post Graduate Diploma in Thermal Power Plant Engineering for fresh Graduate Engineers.

CONSULTANCY SERVICES

CBIP into Renewable Sector

CBIP has been regularly providing consultancy services particularly in areas related to Water Resources, Power and Renewable Energy Sectors. CBIP has completed following Consultancy projects in recent past:

(a) Solar

- CBIP has signed MoU with "New Era Solar Solutions Pvt. Ltd." to give further strength to its consultancy division in solar power development and has formed a CBIP solar strategic group.
- Setting up of a PV Solar Power Plant(s) of 282 kW for IPGCL.
- Consultancy for 5MW solar power plant for IPGCL.

(b) Small Hydro

- Due diligence study of 500 kW Hydro-kinetic projects for PTC Ltd.

Other Assignments

- Conducting Common Entrance Test for NPTEL for PGDC in Thermal Engineering.
- Recruitment of Engineering Executives in various disciplines on turn key basis for a State Govt. power utility.
- Creation of Data bank of Power Sector Experts for CPRI.
- Digitization and Compilation of research reports under Research Schemes on Power (RSOP) for CPRI.
- Preparation of Manuals for Bihar State Hydro Electric Power Corporation.
- Man power requirement for BHPC.

INTERACTION WITH INTERNATIONAL / NATIONAL ORGANIZATIONS

The Board functions as the Indian National Group/Chapter for the following international organizations.

- International Commission on Large Dams (ICOLD)
- International Society for Rock Mechanics (ISRM)
- International Tunnelling and Underground Space Association (ITA)
- International Water Resources Association (IWRA)
- World Water Council (WWC)
- International Geosynthetics Society (IGS)
- International Council on Large Voltage Electric Systems (CIGRE)
- International Conference for Electricity Distribution (CIRED)

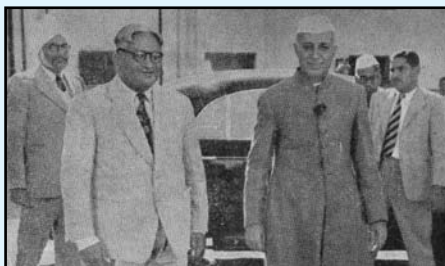
In addition, International Association for Small Hydro (IASH), International Association on Electricity Generation, Transmission & Distribution (Afro-Asian Region) (AARO) and Society of Power Engineers.

Excellence Enhancement Centre

GLIMPSES - PAST & PRESENT



Late Dr. Rajendra Prasad, the then President of India, at the Indian International Engineering Exhibition in 1951



The then Prime Minister of India, Late Pandit Jawahar Lal Nehru arriving to inaugurate the Silver Jubilee Session of the Central Board of Irrigation & Power in 1952



Late Dr. S. Radhakrishnan, the then President of India, arriving on the occasion of 6th Congress on Irrigation and Drainage in 1966



Her Excellency the President of India, Smt. Pratibha Devisingh Patil addressed the participants through recorded video during World Tunnel Congress (First time in India) organised by Central Board of Irrigation & Power on 21-24 September 2008, Agra



Hon'ble Prime Minister Dr. Manmohan Singh inaugurating the 5th Asian Regional Conference on 10th December 2009 at Vigyan Bhawan, New Delhi.



International Conference on Accelerated Development of Hydropower in Bhutan - Opportunities and Challenges. Group photo of Participants of the Conference with Hon'ble Prime Minister (First Row in the centre) and Hon'ble Minister of Economic Affairs of Royal Govt. of Bhutan (First Row 2nd from left) on 16-18 November 2010, Thimphu Bhutan.



Hon'ble Union Minister of Power Shri Sushilkumar Shinde inaugurating the National Conclave on Balance of Plant on 12th July 2011 at New Delhi managed by Central Board of Irrigation & Power on behalf of Ministry of Power & Central Electricity Authority

OFFICE BEARERS OF CENTRAL BOARD OF IRRIGATION & POWER

President – A.S. Bakshi, Chairperson, CEA
Vice-President (WR) – S.P. Kakran, Member, CWC
Vice-President (RE) – Tarun Kapoor, Jt. Secretary, MNRE
Vice-President (Power) – Dr. H.R. Sharma, Director, GVK
Secretary – V.K. Kanjlia • Director – P.P. Wahi
Director (WR) – A.C. Gupta • Director (E) – C.S. Malik