



Brief Profile of Shri S. Masood Husain, Director General, NWDA

1. **Name** : S. MASOOD HUSAIN
2. **Date of Birth** : 23 June, 1959
3. **Nationality** : Indian
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5. **Organisation & Address** : National Water Development Agency,
(Ministry of Water Resources, Govt. of India),
18-20, Community Centre, Saket,
New Delhi-110017 (India).
6. **Membership of Professional Societies**
 - Institution of Engineers (India)
 - Indian Water Resources Society
 - Indian Society of Rock Mechanics and Tunneling Technology
 - Indian Society of Earthquake Technology
7. **Academic Qualifications**
 - M.Tech.(Water Resources), Indian Institute of Technology, Delhi.
 - B.Sc. Engg.(Civil), Aligarh Muslim University, Aligarh.
8. **Work Experience and Core Competencies**
 - All round experience of more than 31 years in water resources sector involving resource assessment, project planning, design, execution, safety assurance, funds management, etc.

- Planning of water resources projects for hydropower and irrigation including regional planning for optimum water resources utilization.
- Comprehensive design consultancy of mega hydropower and multipurpose projects like Nathpa Jhakri HE Project (Himachal Pradesh), Indira (Narmada) Sagar and Omkareshwer H.E.Project (Madhya Pradesh) involving detailed designs/drawings for the concrete dam, water conductor system/tunnel, surge shaft, power house and other appurtenant structures.
- All aspects of flood management including revision of comprehensive flood managements plans of Ganga basin, techno economic appraisal and monitoring of flood management schemes.
- Handling of bilateral issues related to inundation and flood management as leader of the Indian side of the Indo-Nepal Joint Committee on Inundation and Flood Management.
- Managing funding programme for flood management schemes of Ganga basin States
- Management and coordination of Research & Development Programme of the Ministry of Water Resources, management and disbursement of R&D funds, formulation of R&D policy and vision document.
- Dam safety assurance and management of dam safety programmes, dam break studies and preparation of disaster management plans.
- Planning and design of foundations and related structures for water resources projects including remedial measures for the special problems pertaining to foundations.
- Co-ordination and monitoring of investigation of irrigation and multipurpose projects in North-eastern region and preparation of DPR.Coordination of hydrological observations and flood forecasting activities in Brahmaputra and Barak basin.