

## **Profile of Keynote speaker**

Ashoka Kumar Singh , FIE ;

Member - Indian Society of Earthquake Technology, Indian Building Congress, Geotechnical Engineering

Academics - Studied in Sainik School Ghorakhal Nainital from 1972 to 1980

B.Sc. Engineering ( Civil) 1985 - AMU

ME Earthquake Engineering (Soil Dynamics) –IIT Roorkee – 1987 – Gold medalist

Lecturer in Earthquake Engineering (1987 to 1989 )- Published several papers in Finite element and bandwidth reduction

Served Irrigation Department from Dec. 1989 and retired as E-In-C and H.O.D in July 2022

As A.E – Development of computer Centre of Central Design Directorate, Lucknow. Development of application oriented Computer programs in FORTRAN 77, C++, and Dbase were coordinated and developed like Raft foundation design based on Heteneyi theory.

Engaged in design and implementation of Pilot projects for upliftment and recharging of Ground water table through construction and/ or modification of structures that could be used as check dams. Design of several structures like Meoli Bundhi, Fatehpur Sikri Aqueduct. Formulation and Implementation of Project for Modernisation of Agra Canal for enhancing discharging capacity of Agra Canal from 2100 cusecs to 4000 cusecs.

Concrete Lining of Firozabad Distributary from Km. 36.0 to Km. 42.1, formulation and implementation of the projects- Increasing Field Efficiency of Canals, Rehabilitation of Hathras Branch - Restoration of capacity of Mat Branch System.

As S.E - Operation and maintenance of dams like Rihand, Obra, Meza, Sirsi, Dhandraul and like.

As CE II - Mitigating hazards by Flood works in Eastern U.P with a change in planning and execution, introduction of recent and innovative measures and bringing losses of lives and properties to virtually nil.

As CE Level I - associated with the prestigious project of Saryu Canal National project apart from flood projects in Eastern U.P.

Worked for almost three year as Engineer In Chief and Retired as Head of Department Irrigation Department