

Professor

Date of Birth

July 11, 1941

Qualification

B.E., M.E., Ph.D.

Areas of Interest

Foundation Engg., soil Dynamics and Machine Foundation, Reinforced Earth.

Educational Qualification

- Ph.D.(Geot. Engg.), University of Roorkee,1969.
- ME (Geo. Engg.),University of Roorkee,1965
- BE (Civil Engineering), University of Roorkee, 1962.

Experience Summary

Research ,Teaching & Professional Experience

- Worked as Assistant Engineer in U.P.P.W.D from 1963-1964.
- Joined University of Roorkee in 1964 as Lecturer in Civil Engg. Deptt. and became Professor in 1978.
- PhD guidance 16
- ME Theses guidance: 54
- Acted as P.I. in six Research schemes Sponsored by DST and UGC.
- Provided consultancy for the Geo-technical investigations, analysis and Design of Foundations for more than 350 projects of National importance like Cement Factories, Multistoryed Buildings, Thermal Plants, Deck and Suspension Bridges, Structures on Hill Slopes, oil Refineries, Oil Rig Foundation, Historical Monuments etc.

Visits Abroad

- U.K. in 1974 under exchange programme.
- Australia in 1978 to attend a Symposium on Reinforced Earth.
- U.S.A. in 1981 to attend a conference on case Historise,
- Served, A.I.T. Bangkok as visiting professor in 1987.

Membership/Fellow of Technical Bodies

- Fellow ,Institution of Engineers (India).
- Fellow, Indian Geotechnical Society.
- Member, Indian Society of Earthquake Technology.
- Member, Indian Society of Desert Technology

Awards

- Khosla Research Award in 1968, 1981, 1985, and 1987 for original research work.
- Awarded AIMIL Cash Prize for best paper published in IGS in 1988,
- ISET Best Paper award 1985,
- IGS-B.N.Gupta Annual Prize for best paper in 1988,
- I.G.S Annual Proze for best papers in 1991 and 1992.

Publications

No of Books Published : 4

- Computer Programming and numerical methods (1977).
- Analysis and design of foundations and retaining structures (1979).
- Design of Substructures (1996)
- Soil Dynamics and machine foundations under publication (1999).

No. of Papers Published : 130

OtherActivities

- Organised many specialist courses for Deptt. Of Continuing Education,I.G.S. (Local Chapter) Roorkee and Civil Engg. Deptt. (U.O.R.).
- Actively participated in IGS and I.E. (India) activities.
- Members of Committee for reviewing technical papers for ASCE, IGS, IRC and I.E.
- Initiated the research on "Reinforced earth" and "Application of constitutive Laws in Analysing Foundation Problems" at University of Roorkee.