

Professor

Name: Dr. Vir Singh

Designation: Professor

Qualification: Ph.D

E-Mail Address: virphfph@iitr.ernet.in

Areas of Interest:

- Atmospheric and Space Physics
- Planetary Atmospheres
- Airglow
- Auroral Modelling

Visits to Institutes for Higher Studies Abroad:

- As Post Doctoral Fellow
 - Physics Institutel , Odense University, Denmark, April 1979 - June 1980
 - Danish Meteorological Inst. Copenhagen
 - Denmark July 1980 - Nov.1980.
- As Visiting Scientist
 - Institute of Astrophysics, Univ. of Liege, Belgium, Nov 1980-Dec. 1981,
 - Insitute of Astrophysics, Univ. of Liege, Belgium, July 1986-Oct. 1986
 - Solar Terrestrial Physics Lab York University, Canada, June 1993 - Dec.1993.
 - Solar Terrestrial Physics Lab York University, Canada, May=
 - Centre for Experimental Research in Space Science, York University, Canada, June-July, 1996

Distinctions and Awards:

- Danish International Developement Agency (DAN IDA), International Exchange Award.
- Natural Science and Engineering Research Council(NSERC) Canada, International Exchange Award.
- Best Research Paper Award from I.S.R.O.
- COSPAR, Associate

- Member Indian Delegation for COSPAR Meeting at Birmingham, U.K..
- Member expert group Space Weather, ADCOS, ISRO .
- Member Invited by Polish Academy of Sciences, Warsaw, Poland for COSPAR Meeting

Research Projects:

Name of Projects	Funding Agency
Production of Nitrogen Oxides due to Lightning	U.G.C.
Air Pollution Measurement	DRIL, IITR
Modelling of some imp. Oxygen Airglow Emissions	ISRO
Study of some Important Airglow Emission	U.G.C.

International Collaborations :

Dr. J. C. Gerard , Institute D'Astrophysique, University of Liege, Belgium.

Dr. K. Lassen, Geophysical Division, Danish Meteorological Institute, Copenhagen

Denmark.

Dr. C. Danielsen, Geophysical Division, Danish Meteorological Institute, Copenhagen, Denmark.

Dr. G. G. Shepherd, CRESS, York University, Canada.

Dr. I. C. McDade, Department of earth and atmospheric Science, York University, Canada.

Dr. B. H. Solheim, CRESS, York University, Canada.

Dr. W. E. Ward, Institute for space and Terrestrial Science, North York, Ontario, Canada.

Dr. E. Deney, Institute D' Astrophysique, University of Liege, Belgium.

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Other Activities:

Proctor, IIT-Roorkee

April 1, 1999 to till date

Membership of Academic Bodies:

- Elected Member Syndicate, IIT-Roorkee
- Elected Member Senate, IIT-Roorkee
- Secretary, Indian Physics Association, Roorkee Chapter