Department of Physics
Faculty of Science / University of Peradeniya



Dr. J.P. Liyanage

B.Sc. (CMB), Ph.D. (CMB)

Senior Lecturer

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About Me

I am a Senior Lecturer, attached to the Department of Physics, University of Peradeniya, Sri Lanka. I have been working in the area of Lightning Research for the last fifteen years and have obtained my Ph.D. in the same area. My research interests focuses mainly on Physics of Lightning and other Electrical Discharges.

Higher Education Qualifications

PhD

University of Colombo
Sri Lanka
(2006)

BSc

University of Colombo
Sri Lanka
(1997)

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Awards, Scholarships, Memberships & Fellowships

- Member (life), Institute of Physics (IPSL), Sri Lanka
- Member (life), Sri Lanka Association for the Advancement of Science (SLAAS)
- Member, Young Scientists Forum (YSF)

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Positions Held

Chairman, Board of Study in Physics

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My Teachings

PH304: Relativity

PH366: Physics of Atmosphere, Weather and Climate

Research Interests (Research Fields/ Projects)

Electrical discharges and Lightning, Physics of Electrical Discharges, Laboratory Discharges, Low pressure discharges

Physics Education

Ongoing Research and Projects

Nothing to show under this subheading !!!

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Key Publications

IEEE Transactions on Plasma Science - (2006)

Resistance of spark channels

Geophys. Res. Lett. - (2007)

Measurements of NOX produced by rocket-triggered lightning

Conferences

Nothing to show under this subheading !!!

My Publications

Please goto the website.

https://sci.pdn.ac.lk/physics/staff/Prasanna-Liyanage

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