Department of Physics
Faculty of Science / University of Peradeniya



Dr. P.W.S.K. Bandaranayake

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

Senior Lecturer Gr. I

malavi@pdn.ac.lk
spkmlv@gmail.com
+94 81 239 (4596)
+94 71 809 8339
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About Me

I joined the Department of Physics as Temporary Asst. Lecturer on 02.01.1986. I started Solid State Ionic research work at Peradeniya as a Sandwiched Ph.D. student between Peradeniya and Chalmers University of Technology (CTH), Gothenburg, Sweden under the supervision of Prof. MAKL Dissanayake (Physics, UoP), Prof. MA Careem (Physics, UoP) and Prof. B.-E. Mellander (Physics, CTH, Sweden). I continued research work for 02 years and 06 months at CTH Sweden and obtained Ph.D. in May 1991 from Peradeniya.

I worked as a postdoctoral fellow in LIES, ENSEEG, Grenoble, France from Sept 1992 to Sept 1992 and 06 months in 1994. In LIES I worked on Glass with Prof. J.L. Souquet and Prof. M. Duclot, with Prof. Michel Armand on polymers and with Prof. R. Yazami on Graphite.

Higher Education Qualifications

PhD

University of Peradeniya (Sandwich research CTH, Gothenburg, Sweden)
Sri Lanka
(1991)

BSc

University of Peradeniya
Sri Lanka
(1985)

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Awards, Scholarships, Memberships & Fellowships



Nothing to show under this subheading !!!

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Positions Held

- Head/Dept. of Physics- (2006 Aug. - 2008 Jan)
- Chairman, Board of Study in Physics, PGIS- (2016-2020)
- Secretary, Board of Study in Physics, PGIS
- Gen. Secretary, Federation of University Teachers' Association (FUTA)- (2005-2007)
- President, Federation of Peradeniya University Teachers' Association (FPUTA)
- President. University Science Teachers' Association-Peradeniya (USTA-P)
- Secretary, University Science Teachers' Association-Peradeniya (USTA-P)
- Chairman, Board of Study in Science , CDCE- (2016- 2019)
- Member, Board of Study in Management , CDCE- (2010 - up to date)
- Senior Treasurer, The Physical Society of Peradeniya- (1996- up to date)
- Senior Treasurer, Artcircle of Faculty of Science- (1999 - up to date)

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My Teachings

- AS464: Workshop Practice
- PH102: General Physics 2
- PH200: Mechanics and Fluid Dyanamics
- PH454: Solid State Ionics

Research Interests (Research Fields/ Projects)

1. Research on solid electrolytes and devices
2. Investigation of conducting glass
3. Research on energy conversion and storage devices

Ongoing Research and Projects

Nothing to show under this subheading !!!

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Key Publications

Nothing to show under this subheading !!!

Conferences

Nothing to show under this subheading !!!

My Publications

Please goto the website.

https://sci.pdn.ac.lk/physics/staff/PWSK-Bandaranayake

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