



**Department of Physics**  
**Faculty of Science / University of Peradeniya**



**Dr. P.W.S.K. Bandaranayake**

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

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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)

## Awards, Scholarships, Memberships & Fellowships







Nothing to show under this subheading !!!

## 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)

## My Teachings

-  AS464: Workshop Practice
-  PH102: General Physics 2
-  PH200: Mechanics and Fluid Dynamics
-  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 !!!

## 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>