

# **Ranjith Munasinghe**

Professor and Chair

## **Education**

Ph.D. In Mathematics, University of Wyoming, USA, 1992

MS in Mathematics, University of Wyoming, USA, 1987

BS in Electrical and Electronic Engineering, University of Peradeniya, Sri Lanka, 1982

## **Academic experience**

1992-Present: Assistant Prof./Associate Prof./Professor of Mathematics, WVU Institute of Technology (Full Time)

2011-2012: Interim Chair, Department of Computer Science and Information Systems, WVU Institute of Technology (Full Time)

1985-1992: Graduate Teaching Assistant, University of Wyoming, (Part Time)

## **Non-academic experience**

1983 – 1985: Telecommunication Engineer, Riyadh Satellite Earth Station, Ministry of PTT, Saudi Arabia (Full Time)

1982 – 1983: Telecommunication Engineer, Padukka Satellite Earth Station, Dept. of Telecommunications, Sri Lanka (Full Time)

## **Current membership in professional organizations**

American Society for Engineering Education

## **Honors and awards**

Salary Enhancement for Continued Academic Achievement, 2008

(Co-PI) WVU Tech Proposal for “Large-Scale Campus-Wide Wireless Sensor Network Testbed”, 2013

(Co-PI) WVU Tech Research Project for Fundamental Research on Direct Carbon Fuel Cells, Funded by Department of Defense, 2011

(Co-PI) WVU Tech Research Project for Fundamental Research on Sensor Optimization Technology, Funded by Department of Defense, 2008-10

(Co-PI) WVU Tech Research Project for Basic Research for Intelligent Control Systems, Funded by Department of Defense, 2006-08

(Co-PI) WVU Tech Research Project for Removal of Mercury from Coal Slurries (SURE Grant), Funded by EPScOR-Department of Defense, 2007-08

## **Service activities**

Senator, West Virginia University Faculty Senate, 2010-Present

Member, Faculty Status Committee, WVU Institute of Technology, 2012-Present

Member, Search Committee for Electrical Engineering Faculty, 2013  
Member, Search Committee for Dean of LCN College of Engineering, WVU Institute of Technology, 2012  
Chair, Search Committee for Associate Dean of LCN College of Engineering, WVU Institute of Technology, 2010  
Chair, Search Committee for Mathematics Faculty, 2011  
Member, Faculty Assembly Council, WVU Institute of Technology, 2008-2011  
Associate Editor, IEEE Southeastern Symposium on System Theory, 2012  
Session Chair, IEEE Southeastern Symposium on System Theory, March 2012  
Session Chair, IEEE Southeastern Symposium on System Theory, March 2010  
Member, Organization Committee, ASEE North-Central Section Conference, Charleston, WV, March 2007  
Reviewed papers for ASEE Annual Conference, IEEE Southeastern Symposium on System Theory, and College Mathematics Journal

### **Recent publications and presentations**

Sunil Polmottawegeedara, Ranjith Munasinghe, Asad Davari, Construction of Perspective Views from Panoramic Images of a Vision System that Uses a Hyperbolic Mirror, Proceedings of 44th IEEE Southeastern Symposium on System Theory, March 2012

R. Munasinghe and Asad Davari, Peer Groups, Neighbor Groups, and Edge Detection, Proceedings of the 42nd IEEE Southeastern Symposium on System Theory, 2010

R. Munasinghe and Asad Davari, Elementary Methods for Improving Edge Detector Performance, Proceedings of the 41st IEEE Southeastern Symposium on System Theory, March, 2009

R. Munasinghe, An Interesting Inverse Limit Space, Topology Proceedings, Vol. 32, pp. 37-46, 2008

R. Munasinghe, Multidisciplinary Research Projects for Engineering Students Part II, Proceedings of the 40th IEEE Southeastern Symposium on System Theory, March 2008