

THE UNIVERSITY OF MICHIGAN

*Regents Communication*

**ACTION REQUEST**

**Subject:** Report of Faculty Retirement

**Action Requested:** Adoption of Retirement Memoir

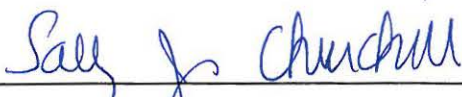
**Gopal Prasad, Ph.D.**, Raoul Bott Collegiate Professor of Mathematics and professor of mathematics in the College of Literature, Science, and the Arts, will retire from active faculty status on May 31, 2017.

Professor Prasad received his B.Sc. (1963) degree from Magadh University, his M.Sc. (1965) degree from Patna University, and his Ph.D. (1976) degree from the University of Bombay. He served on the faculty of the Tata Institute of Fundamental Research from 1975-92. He joined the University of Michigan faculty as a professor in 1992 and was named the Raoul Bott Collegiate Professor of Mathematics in 2008.

Professor Prasad is a leading expert on Lie groups and algebraic groups. In his early work, he proved the strong rigidity of lattices in real semi-simple groups of rank 1 and also of lattices in  $p$ -adic groups. He later studied the topological central extensions of these groups and computed the metaplectic kernel for isotropic groups. Professor Prasad and Andrei S. Rapinchuk gave a precise computation of the metaplectic kernel for all simply connected semi-simple groups. He proved a useful volume formula for semisimple groups. His work, with Allen Moy, on the representation theory of reductive  $p$ -adic groups led to the development of the Moy-Prasad filtration of parahoric subgroups. In recent work with Brian Conrad and Ofer Gabber, Professor Prasad has given a classification of and structure theory for non-abelian pseudo-reductive groups over all imperfect fields. This work settles an outstanding problem in the area and has several important arithmetic applications. From 1998-2011, Professor Prasad served as the managing editor of the *Michigan Mathematical Journal* and played an instrumental role in broadening the editorial board to include mathematicians from around the world and enhancing the journal's academic stature. A remarkable and inspiring teacher, Professor Prasad generously shared his time and expertise with a generation of undergraduate students, graduate students, and colleagues. He was awarded the Mathematical Sciences Prize from the Government of India's Council on Scientific and Industrial Research (1989), a John Simon Guggenheim Memorial Foundation Fellowship (1998), and the Humboldt Senior Research Award from the Alexander von Humboldt Foundation (2006).

The Regents now salute this distinguished scholar by naming **Gopal Prasad, Raoul Bott Collegiate Professor Emeritus of Mathematics and professor emeritus of mathematics**.

**Requested by:**



---

**Sally J. Churchill, J.D.**

**Vice President and Secretary of the University**

**May 2017**