

Name : Swapan Kumar Ghosh

Current Designation : Associate Professor

Academic Details :

- (1) B.Sc. in Mathematics Honours from University of Calcutta in 1997
- (2) M.Sc. in Pure Mathematics from University of Calcutta in 1999
- (3) NET (JRF-CSIR) in 1999
- (4) Ph.D. from University of Calcutta in 2008

Title of the Thesis : A class of subrings of $C(X)$ – Some associated problems

Name and Designation of the Supervisor : Sudip Kumar Acharyya, Professor,
Department of Pure Mathematics, University of Calcutta

Area of Interest : Rings of Continuous Functions, Algebra in the Stone-Cech Compactification

Selected publications :

- (1) *Intersections of minimal prime ideals in the rings of continuous functions*, Commentationes Mathematicae Universitatis Carolinae, Vol. 47 (2006), No. 4, pp. 623 – 632.
- (2) *Unions of minimal prime ideals in rings of continuous functions on compact spaces* (With B. Banerjee and M. Henriksen), Algebra Univers. 62 (2009) pp. 239 – 246.
- (3) *Functions in $C(X)$ with support lying on a class of subsets of X* (With S. K. Acharyya), Topology Proceedings, Vol-35 (2010), pp. 127-148.
- (4) *A note on functions in $C(X)$ with support lying on an ideal of closed subsets of X* (With S. K. Acharyya), Topology Proceedings, Vol-40 (2012) pp. 297-301.
- (5) *A note on F -spaces*, Topology Proceedings, Vol. 44 (2014), pp. 207-214.
- (6) *A note on ideals of $C_\infty(X)$* , Topology and its Applications, 189 (2015), pp. 25-30.
- (7) *Concerning partition regular matrices* (With Sourav Kanti Patra), Integers 17 (2017).

Other Information :

- (1) Reviewed several articles for Zentralblatt Math, European Mathematical Society
- (2) Reviewed several articles for MathSciNet, American Mathematical Society