

Faculty Profile
(For booklet and website)

Name: Dr Ananga Kumar Das
Designation: Assistant Professor
Department: Mathematics
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Contact Number and Extn.: 9419166016, Extn 2511(O), 6511(R)

Qualification: Ph.D. (University of Delhi)

Experience:

Teaching: 15 Years **Research:** 15 Years **Administration:** 6 years **Total:** 15 Years

Areas of Interest / Specialization:

1. General Topology

Brief Bio-data:

Dr Ananga Kumar Das obtained his Ph.D. degree in Mathematics from University of Delhi in 2003. After Completion of Ph.D. he worked in some constituent colleges of University of Delhi for five years and since 2008 he is working as a faculty member in the School of Mathematics, Shri Mata Vaishno Devi University, Jammu and Kashmir. Apart from teaching Dr. A. K. Das is actively involved in research. He has published many research papers in Topology which has been published in international journals of repute.

Research Profile

Research Publications:

- [1] J. K. Kohli, A.K. Das and R. Kumar, Weakly functionally θ -normal spaces, θ -shrinking of covers and partition of unity, *Note di Matematica*, 19(2)(1999),293-297.
- [2] J. K. Kohli and A. K. Das, New normality axioms and decompositions of normality, *Glasnik Matematicki*, 37(57)(2002), 163-173.
- [3] J. K. Kohli and A. K. Das, Characterizations of certain sub(super)-classes of Hausdorff spaces and a factorization of regularity, *Indian Journal of Pure and Applied Mathematics*, 35(4)(2004), 463-470.
- [4] A. K. Das, A note on θ -Hausdorff spaces, *Bull. Cal. Math. Soc.*, 97(1)(2005), 15-20.
- [5] J. K. Kohli and A. K. Das, On functionally θ -normal spaces, *Applied General Topology*, Vol 6, no. 1 (2005), 1-14.
- [6] J. K. Kohli and A. K. Das, A class of spaces containing all generalized absolutely closed (almost compact) spaces, *Applied General Topology* 7(2)(2006), 233-244.
- [7] A. K. Das, Δ -normal spaces and decompositions of normality, *Applied General Topology*, Vol 10, no. 2 (2009), 197-206.
- [8] A. K. Das, Simultaneous generalizations of regularity and normality, *European J. Pure Appl Math*, 4(1)(2011), 34-41.
- [9] A. K. Das, On some Simultaneous generalizations of normality and regularity, *Rev. Bull. Cal. Math. Soc.*, 21 (1)(2013), 103-108.
- [10] A. K. Das, A note on spaces between normal and κ -normal spaces, *Filomat* 27:1 (2013), 85–88.
- [11] A. K. Das, A note on weak structures due to Csaszar, *Bul. Acad. Stiinte Repub. Mold. Mat*, Number 2(78), 2015, 114–116.
- [12] A. K. Das and Pratibha Bhat, A class of spaces containing all densely normal spaces, *Indian J. Math.*, 57 (2), 2015, 217-224.
- [13] Pratibha Bhat and A. K. Das, Some higher separation axioms via sets with non-empty interior, *Cogent Mathematics*, 2015, 2: 1092695.
- [14] Pratibha Bhat and A.K. Das, On some generalizations of normality, *Journal of Advanced Studies in Topology*, 6:4, 2015, 129-134.

[15] A. K. Das, Pratibha Bhat and Ria Gupta, Factorizations of normality via generalizations of β -normality, *Math Bohemica*, 141 (2016), No. 4, 463–473.

[16] A. K. Das and Pratibha Bhat, Decompositions of Normality and interrelation among its variants, *Math. Vesnik*, 68, 2 (2016), 77-86.

[17] Ria Gupta, A.K. Das, New Separation axioms on closure spaces generated by relations (accepted)

[18] A. K. Das, A decomposition of normality via a generalization of κ -normality, *Applied general topology*, 18, no. 2 (2017), 231-240.

[19] A. K. Das, Pratibha Bhat and J. Tartir, On a simultaneous generalization of β -normality and almost normality, *Filomat*, 31:2 (2017), 425–430.

[20] A. K. Das, Pratibha Bhat and J. Tartir, Addendum: “On a simultaneous generalization of β -normality and almost normality”, *Filomat* (accepted).

[21] A. K. Das, On a strongly point paracompact space, (accepted).

[22] Ria Gupta and A. K. Das, A note on path-set induced closure operators on graphs (Communicated).

[23] Sehar Shakeel Raina and A. K. Das, On Some Versions of Relative Normality, (Communicated).

[24] A. K. Das, Characterizations of normal generalized topology, (Pre-print).

Research Supervised:

S. No.	Year	Role	Research Topic	Status
1	2011-2017	Supervisor	Some Weak Variants of Normality in General Topology	Awarded
2	2014-	Supervisor	Study of Some Generalized Separation Axioms in Closure Spaces	Continuing
3	2015-	Supervisor	A Study on Some Relative Topological Properties	Continuing