

JOURNAL PUBLICATIONS (Published in UGC Approved Journals)

1. Brahma A. K., “**A Look on Some Applications of Fuzzy VIKOR and Fuzzy AHP Methods on Flood Risk**”, *International Journal of Applied Engineering Research* ISSN 0973-4562 Volume 13, Number 18 (2018) pp. 13689-13696
2. Mitra D. K. and Brahma A.K , “**Fuzzy VIKOR Approach to Identify the Flood Vulnerability Region in Kokrajhar**”, *Journal of Computer and Mathematical Sciences*, (An International Research Journal) *Vol.9(11),1768-1785 November 2018*, www.compmath-journal.org
DOI : <http://dx.doi.org/10.29055/jcms/923>
3. Brahma A. K and Mitra D.K “**Fuzzy AHP and Fuzzy VIKOR Approach modelling for flood control project selection**” *International Journal of Applied Engineering Research* ISSN 0973-4562 Volume 14, Number 17 (2019) pp. 3579-35889 © Research India Publications.
<http://www.ripublication.com>
4. Brahma A. K and Mitra D.K (2019) “**Flood control project by using Fuzzy PROMETHEE and Comparison of some MCDM tools.**” (On Communication in Journals)

PAPER PRESENTED IN NATIONAL/INTERNATIONAL CONFERENCES

1. Presented paper on the topic “*Application of Fuzzy Analytic Hierarchy Process (AHP) Model for flood risk assessment*” in the National Seminar on “**Advances in Mathematical Sciences**” (22 December, 2018) (Celebrating National Mathematics Day and 131st Birth Anniversary of Srinivasa Ramanujan) Organized by Department of Mathematics, Gauhati University, Guwahati-781014, Assam
2. Presented on the topic “*Assessment of multi criteria flood vulnerability approach using Fuzzy VIKOR and OWA operator technique*”, in the seminar **International Conference on New Frontiers in Engineering, Science, Law, Management, Humanities and Social Science 2019 INFES-2019**, IST-GAUHATI UNIVERSITY, GUWAHATI, INDIA, 23rd & 24th FEBRUARY 2019