VAYUMANDAL



JULY-DECEMBER 2016

CONTENTS

1.	From the President's Desk		i
2.	Extended Range Prediction System and its Application	A.K. Sahai , R Chattopadhyay, Susmitha Joseph, R. Phani and S. Abhilash	75
3.	Climatic Variables and Malaria Transmission: Intricacies of application	Ramesh C Dhiman	98
4.	Monitoring Convective Activity over India During Pre-Monsoon Season-2013 under the SAARC STORM Project	Kamaljit Ray, Bikram Sen, Pradip Sharma	106
5.	Review of Methods for Estimating Urban Surface Roughness	Alok Jhaldiyal, Kshama Gupta, Prasun Kumar Gupta, Shiva Reddy, Pramod Kumar	129
6.	Autoregressive Model Development of Some Rainfall Stations of Assam	Pijush Basak	140
7.	A Study on Tree-Crop Interactions of Wheat (<i>Triticum aestivum</i> L.) and <i>Eucaluptus tereticornis</i> planted in Nelder Wheel Design under Shallow Water Table Conditions.	Ravi Kiran	152
8.	Performance evaluation of WRF (NMM) model for selected Tropical Cyclones over Bay of Bengal and Arabian Sea	K. Naga Ratna, D.R.Pattanaik and Y.V.Rama Rao	161
9.	Severe weather events: Post Monsoon Season (July-		178