



CONTENTS

From the President's Desk	i
1. Seismological aspects of Korean and other nuclear explosions H.N.Srivastava and Rajesh Prakash	1
2. Impact of Climate on Sugarcane Yield over Gorakhpur District, U.P. using Statistical Model R. Bhatla1, Babita Dani and A. Tripathi	11
3. Relationship between Iran surface pressure and India summer monsoon Ramesh Kumar Yadav	23
4. Monitoring of In-situ observations over Indian region Jaya Singh, Priti Sharma, Amit Verma, S.K Choudhary, M DasGupta	31
5. Development of rice yield forecast in mid-season using weather indices based agrometeorological model in Chhattisgarh M.Rajavel, Prakash Khare, J.R.Prasad, K.K.Singh, H.V.Puranik and G.K.Das	38
6. Monsoonal Rainfall of Sub-Himalayan West Bengal: Empirical Modelling and Forecasting Pijush Basak	46
7. Long term trends and variations in rainfall under present climatic scenarios at Pantnagar Ravi Kiran	54
8. Severe Weather Events Sathi Devi	61
9. A Report from India Meteorological Society and its Local Chapters	69