**REFERENCES**

[1] Manojit Chattopadhyay, Surajit Chattopadhyay, “Elucidating the role of topological pattern discovery and support vector machine in generating predictive models for Indian summer monsoon rainfall”, Theoretical and Applied Climatology, pp. 1-12, July 2015, DOI: 10.1007/s00704-015-1544-5

[2] Kumar Abhishek, Abhay Kumar, Rajeev Ranjan, Sarthak Kumar,” A Rainfall Prediction Model using Artificial Neural Network”, 2012 IEEE Control and System Graduate Research Colloquium (ICSGRC 2012), pp. 82-87, 2012.

[3] Minghui Qiu, Peilin Zhao, Ke Zhang, Jun Huang, Xing Shi, Xiaoguang Wang, Wei Chu, “A Short-Term Rainfall Prediction Model using Multi-Task Convolutional Neural Networks”, IEEE International Conference on Data Mining, pp. 395-400, 2017, DOI 10.1109/ICDM.2017.49.

[4] Aswin S, Geetha P and Vinayakumar R, “Deep Learning Models for the Prediction of Rainfall”, International Conference on Communication and Signal Processing, April 3-5, 2018, India, pp. 0657-0661.

[5] Xianggen Gan, Lihong Chen, Dongbao Yang, Guang Liu, “The Research Of Rainfall Prediction Models Based On Matlab Neural Network”, Proceedings of IEEE CCIS2011, pp. 45- 48.

[6] Sam Cramer, Michael Kampouridis, Alex A. Freitas and Antonis Alexandridis, “Predicting Rainfall in the Context of Rainfall Derivatives Using Genetic Programming”, 2015 IEEE Symposium Series on Computational Intelligence, pp. 711 – 718.

[7] Mohini P. Darji, Vipul K. Dabhi, Harshadkumar B.Prajapati, “Rainfall Forecasting Using Neural Network: A Survey”, 2015 International Conference on Advances in Computer Engineering and Applications (ICACEA) IMS Engineering College, Ghaziabad, India, pp.706 – 713

[8] Sandeep Kumar Mohapatra, Anamika Upadhyay, Channabasava Gola, “Rainfall Prediction based on 100 years of Meterological Data”,2017 International Conference on Computing and Communication Technologies for smart Nation, pp.162 – 166.

[9] Sankhadeep Chatterjee, Bimal Datta, Soumya Sen, Nilanjan Dey, “Rainfall Prediction using Hybrid Neural Network Approach”, 2018 2nd International Conference on Recent Advances in Signal Processing, Telecommunications & Computing (SigTelCom), pp. 67 – 72.

[10] Mr. Sunil Navadia, Mr. Pintukumar Yadav, Mr. Jobin Thomas, Ms. Shakila Shaikh, “Weather Prediction: A novel approach for measuring and analyzing weather data”, International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2017), pp. 414 - 417