

List of Research Papers

S.No.	RESEARCH PAPERS
1.	Ramdas, L.A. and Athmanathan, S.(1932), "Vertical distribution of air temperature near the ground during night". Gerland Beitrage Zur Geophysik, Vol. 37, 116.
2.	Ramdas, L.A. and Athmanathan, S. (1933), "A note of fog or haze at Poona during the cold season". Sci. Note Vol.5, No. 54, I.M.D.
3.	Ramdas, L.A. (1933), " Agricultural Meteorology". Current Science, Vol.I, No.7, 191.
4.	Raman, P.K. and Satakopan, V.(1934), "Evaporation in India calculated from other meteorological factors". Sci. Note,Vol.6, No.61, I.M.D.
5.	Ramdas, L.A. (1934), "Microclimatology". Current Science, Vol. II, No.11, 445.
6.	Ramdas, L.A., Kalamkar, R.J. and Gadre, K.M.(1934), "Agricultural Meteorology :Studies in microclimatology Part I". Ind. Jour. of Agric. Science, Vol. IV, part 3.
7.	Kalamkar, R.J. (1934), "Microclimatology in relation to crops". Current Science, Vol. III, No. 2.
8.	Ramdas, L.A. and Katti, M.S. (1934), "The variation of moisture in surface layer of the soil in relation to diurnal variation of meteorological factors". Current Science, Vol. III, No.1, 24.
9.	Ramdas, L.A. and Dravid, R.K. (1934), "Soil temperatures". Current Science, Vol. III, No. 6, 226.
10.	Ramdas, L.A. and Katti, M.S. (1934), "Agricultural Meteorology; Preliminary studies on soil moisture in relation to moisture in the surface layer of the atmosphere during the clear season at Poona". Ind. Jour. of Agric. Sci. Vol. IV, 6.
11.	Kalamkar, R.J. (1934), "A study of maximum temperature at Poona". Sci. Note Vol. V, No. 59, IMD.
12.	Ramdas, L.A., Kalamkar, R.J. and Gadre, K.M. (1934), "Agricultural Meteorology: Studies in microclimatology, Part II". Ind. Jour. of Agric. Sciences, Vol. V, part I.
13.	Ramdas, L.A. (1935), "Frost hazards in India". Current Science, Vol. III, No. 8, 325 333.

14.	Ramdas, L.A. and Raman, P.K. (1935), "Heat radiation from the clear atmosphere at night". Proc. Ind. Aca. of Sciences, Vol. I, No.11.
15.	Ramanathan, K.R. and Ramdas, L.A. (1935), "Transparency of the atmosphere in the ultraviolet and possible means of extending the solar spectrum in the region 2200 2000 A". Proc. of Ind. Aca. of Sciences, Vol. I, No.5.
16.	Ramanathan, K.R. and Ramdas, L.A. (1935), "Derivation of Angstrom`s formula for atmospheric radiation and some general consideration regarding nocturnal cooling of air layers near ground". Proc. Ind.Aca. Sci. Vol.I, No.11.
17.	Ramdas, L.A. and Katti, M.S. (1935), "The diurnal variation of moisture in the soil during the clear season". Current Science Vol. III, No. 12.
18.	Katti, M.S. (1935), "Moisture variation indices of soils in relation to their other physical properties". Current Science, Vol. 4, No.6.
19.	Kalamkar, R.J. and Sripal Singh. (1935), "A statistical examination of yield of Wheat at Cawnpur Agril. College Farm". Ind. Jour. of Agric. Sciences, Vol. V, 2.
20.	Ramdas, L.A. (1935), "Agricultural Meteorology 1935". Biochemical and Allied Res. in India.
21.	Ramdas, L.A. (1935), "Correlation in general crop observation with meteorological data". Report of the Conf. of Empire Meteorologist, London.
22.	Ramdas, L.A. (1935), "Measurement of evaporation with special reference to a) water supply and b) agriculture". Report of the Conf. of Empire Meteorologist, London .
23.	Ramdas, L.A. (1935), "Note on soil temperature". Report of the Conf. of Empire Meteorologist, London.
24.	Ramdas, L.A. (1935), "Report on the progress of Agricultural Meteorology in India during the period 1932-34". Comission fur landwireschaftliche meteorologie, protolollder Tagung in Danzing.
25.	Kalamkar, R.J. and Satakopan, V. (1935), "The effect of rainfall on the yield per area of Cotton at the Govt. Exptl. Farm, Akola (Berar)". Imperial Council of Agril . Research supplement to Annual Report of Agrimet section for the Year ending on 21st August 1935.
26.	Kalamkar, R.J. and Satakopan, V. (1935), "Notes on the analysis of yields of crops at the Govt. Experimental Farms in C.P. and Bombay Presidency". Impereal Council of Agril. Research Supplement to annual report of Agrimet Section for the year ending on 21st August 1935.
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29.	Raman, P.K. (1936), "The measurement of the transmission of heat by convection from isolated ground to the atmosphere". Proc. Ind. Aca. of Sci. Vol.III, No. 2.
30.	Raman, P.K. (1936), "Studies in the atmospheric radiation: Discussion of some observation of nocturnal radiation made at Poona and Singharh". Proc. Ind. Aca. of Sci. Vol.IV, No.2 .
31.	Ramdas, L.A. and Paranjape, M.K. (1936), "An interferometric method of measuring temperatures and temperature gradients very close to a hot surface". Current Science.,Vol. IV, No.9.
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34.	Ramdas, L.A. and Katti, M.S. (1936), "Agricultural Meteorology: Studies on the soil moisture in the surface layers of the atmosphere during the clear season at Poona". Ind. Jour. of Agric. Science, Vol. VI, Part 6 .
35.	Ramdas, L.A. and Dravid, R.K. (1936), "Soil temperatures in relation to the other factors controlling the disposal of solar radiation at the earth's surface". Proc. of National Instt. of Science, Vol. III, No.3.
36.	Kalamkar, R.J. and Gadre, K.M. (1936), "Precision observations on weather and crops". Current Science, Vol. IV, No.9.
37.	Kalamkar, R.J. (1936), "Influence of weather and prices on cotton crop of Bombay Presidency". Current Science, Vol. IV, No.7.
38.	Satakopan, V. (1936), "A statistical analysis of the distribution of southwest monsoon rainfall at Akola". Sci. Note Vol. VII, No.69, I.M.D.
39.	Kalamkar, R.J. (1936), "The study of correlation co efficients of monthly maximum temperatures between successive months at a few selected stations in India". Sci. Note. Vol.VII , No.70, I.M.D.
40.	Anantha Padmanabha Rao, "A statistical analysis of rainfall of Mysore State". Sci. Note (1936), Vol. VII, No.71, I.M.D.
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42.	Rajagopalan, N. (1936), "A statistical analysis of monthly rainfall in Amraoti District, Berar". Proc. Ind. Science Congress, 430.

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44.	Ramdas, L.A. (1937), "Crop protection from the effects of weather". Proc. of the crop and soil wing of the Board of Animal Husbandry, December 1937.
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47.	Ramdas, L.A. (1937), "The dust free dark layer surrounding a hot body in relation to convective movements in its neighbourhood" . Jour. of Uni. of Bombay, Vol. VI, Part 2.
48.	Katti, M.S. (1937), "Soil moisture in relation to moisture in the surface layers of the atmosphere during the clear season". Jour. of Uni. of Bombay, Vol.VI, Part 2.
49.	Raman, P.K. (1938), "Measurements of the radiation in the sky and the sky at Poona". Memoirs of I.M.D. Vol. 26, Part. 8.
50.	Ramdas, L.A., Satakopan, V. and Gopal Rao, S. (1938), "Agricultural Meteorology: Frequency of days with the hailstroms in India". Ind. Jour. of Agric. Sci. Vol. VIII, part 6.
51.	Ramdas, L.A. and Vaidyanathan, P. (1938), "Studies on the spreading of certain substances on a clean surface of water". Proc. Ind. Aca. of Sciences, Vol. VII, No.3.
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57.	Mallik, A.K. (1939), "The diurnal exchange of moisture between soil and plant materials and in the air layers near the ground". Ind Jour. of Agric. Sciences, Vol. IX, Part 3.

58.	Ramdas, L.A. and Mallik, A.K. (1939), "The thickness of the surface layer of the soil exchanging the moisture with the adjacent air layers". Current Science , Vol. VIII, No.4.
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61.	Mallik, A.K. (1939), "The exchange of moisture between plant materials and atmosphere". Ind.Jour.Agric. Sciences, Vol.IX, Part III.
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68.	Raman, P.K.(1942), "An unusually long lived dust devil at Poona on 27th March 1942". Current Science, Vol.XI, No.6.
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