

## BIO DATA

### Dr. Pramod V. P

Research Associate (Monsoon Mission II)

All India Coordinated Research Project on Agrometeorology  
ICAR-Central Research Institute for Dryland Agriculture  
Santosh, Nagar, Hyderabad, Telangana - 500 059  
Mob: +91-9951514716  
E-mail: [pramodvp1@gmail.com](mailto:pramodvp1@gmail.com)



**Date of Birth:** 11-05-1982

### Educational Qualifications >>

Degree	Subject	University	Year
PhD	Meteorology and Oceanography	AU, Visakhapatnam	2019
M.Tech	Atmospheric Science	CUSAT, Cochin	2008
M.Sc	Physics	MG University, Kottayam	2004

### Professional Experience >>

Sl. No	Designation	Organization	Duration	
			From	To
1	Research Associate	ICAR-CRIDA, Hyderabad	10-06-19	Till date
2	Young Professional II	ICAR-CRIDA, Hyderabad	05-06-18	07-06-19
3	Highly Skilled	ICAR-CRIDA, Hyderabad	01-05-17	04-06-18
4	Research Associate	ICAR-CRIDA, Hyderabad	01-03-11	31-03-17
5	Senior Executive	NCMSL, Hyderabad	10-06-10	28-02-11
6	Junior Research Fellow	NPOL, Cochin	27-11-08	08-06-10
7	Lab Instructor (Physics)	CUSAT, Cochin	13-09-04	18-02-06

### Research Areas >>

1. Agroclimatic Characterization
2. Agrometeorological Analysis
3. Crop Simulation Modeling
4. Crop-Weather Relationship
5. Agromet Advisory Services

### Research Publications >>

1. **V.P. Pramod**, B. Bapuji Rao, S.S.V.S. Ramakrishna, V.M. Sandeep, N.R. Patel, M.A. Sarath Chandran, V.U.M. Rao, P. Santhibhushan Chowdary and P. Vijayakumar. (2018). Trends in water requirements of wheat crop under projected future climates in India. *Journal of Agrometeorology*, **20 (2)**: 110-116.

2. V.M. Sandeep, V.U.M. Rao, B. Bapuji Rao, G. Bharathi, **V.P. Pramod**, P. Santhibhushan Chowdary, N.R. Patel, P. Mukesh and P. Vijayakumar. (2018). Impact of future climate change on sorghum productivity in India and its adaptation strategies. *Journal of Agrometeorology*, **20 (2)**: 89-96.
3. **V.P. Pramod**, B. Bapuji Rao, S.S.V.S. Ramakrishna, M. Muneshwar Singh, N.R. Patel, V.M. Sandeep, V.U.M. Rao, P. Santhibhushan Chowdary, V. Narsimha Rao and P. Vijayakumar. (2017). Impact of projected climate on wheat yields in India and its adaptation strategies. *Journal of Agrometeorology*, **19 (3)**: 207-216.
4. V.M. Sandeep, B. Bapuji Rao, G. Bharathi, V.U.M. Rao, **V.P. Pramod**, P. Santhibhushan Chowdary, N.R. Patel and P. Vijayakumar. (2017). Projecting future changes in water requirement of grain sorghum in India. *Journal of Agrometeorology*, **19 (3)**: 217-225.
5. M.A. Sarath Chandran, A.V.M. Subba Rao, V.M. Sandeep, **V.P. Pramod**, P. Pani, V.U.M. Rao, V. Visha Kumari and Ch. Srinivasa Rao. (2016). Indian summer heat wave of 2015: A biometeorological analysis using half hourly automatic weather station data with special reference to Andhra Pradesh. *International Journal of Biometeorology*, **61 (6)**: 1063-1072.
6. B. Bapuji Rao, P. Shantibhushan Chowdary, V.M. Sandeep, **V.P. Pramod** and V.U.M. Rao. (2015). Spatial analysis of the sensitivity of wheat yields to temperature in India. *Agriculture and Forest Meteorology*, **200**: 192-202.
7. A. Sri Dhanya, B. Bapuji Rao, **V.P. Pramod** and V.U.M. Rao. (2013). Delineation of air temperature based models for estimation of global solar radiation. *Journal of Agrometeorology*, **15 (2)**: 152-155.
8. B. Bapuji Rao, V.M. Sandeep, P. Shantibhushan Chowdary, **V.P. Pramod** and V.U.M. Rao. (2013). Reference crop evapotranspiration over India: A comparison of estimates from Open pan with Penman-Monteith method. *Journal of Agrometeorology*, **15 (2)**: 108-114.
9. B. Bapuji Rao, **V.P. Pramod**, P. Santhibhushan Chowdary and V.U.M. Rao. (2013). Solar radiation estimation from limited meteorological parameters in a semi-arid environment. *Journal of Agrometeorology*, **15 (1)**: 63-70.
10. B. Bapuji Rao, I. Praveen Kumar, I.R. Khanda Gonda, **V.P. Pramod**, V.M. Sandeep, V.U.M. Rao and M.B. Rajegowda (2013). Finger millet production in Southern Karnataka - An agroclimatic analysis. *Journal of Agrometeorology*, **15 (1)**: 6-12.
11. B. Bapuji Rao, **V.P. Pramod** and V.U.M. Rao. (2012). Reliability of downscaling rainfall data in the estimation of rainfall trends: A case study. *J. Agrometeorology, (Special Issue)* **14**: 162 - 168.

#### Research/Technical Bulletins >>

1. P. Vijaya Kumar, V.M. Sandeep, S.K. Bal, A.V.M. Subba Rao and **V.P. Pramod**. (2019). "Spatial and Temporal Variability of Dry Spell over India". ICAR - Central Research Institute for Dryland Agriculture, Hyderabad - 500 059, 44 pp.
2. P. Vijaya Kumar, A.V.M. Subba Rao, M.A. Sarath Chandran, V.M. Sandeep, **V.P. Pramod**, R. Dhakar, S.K. Bal, V.U.M. Rao and K. Sammi Reddy (2018). "Network of Automatic Weather Stations: An AICRPAM-NICRA Initiative". ICAR - Central Research Institute for Dryland Agriculture, Hyderabad - 500 059, 40 pp.
3. J.L. Chaudhary, Rajesh Khavse, Deepika Unjan, G.K. Das, A.V.M. Subba Rao, **V.P. Pramod** and P. Vijaya Kumar (2017). "Block Level Agroclimatic Characterization of Mahasamund District in Chhattisgarh State". AICRP on Agrometeorology, IGKV, Raipur, 492 012.

### Books/Book Chapter >>

1. **V.P. Pramod** and B. Bapuji Rao. (2019). Impacts of Climate Change on Indian Wheat Production. In: "Climate Change and Agriculture - Causes, Impacts and Interventions". (Eds. G.S.L.H.V Prasada Rao, V.U.M. Rao and D.V. Subba Rao). pp. 551-565. (New India Publishing Agency, New Delhi).

### FELLOWSHIP/SCHOLARSHIP/AWARD >>

1. Best paper published in the Journal of Agrometeorology during 2012 and 2013 for the paper entitled "**Reference crop evapotranspiration over India: A comparison of estimates from Open pan with Penman-Monteith method**", by Association of Agrometeorologists.
2. Second best poster presentation award in the National Symposium on "**Climate Change and Agriculture: Slicing Down the Uncertainties**", conducted by Association of Agrometeorologists at Central Research Institute for Dryland Agriculture, Hyderabad during 22-23 January, 2013
3. Best presentation award during National Seminar on "**Agrometeorological Research and Services to Combat Climate Change Challenges**", conducted by Association of Agrometeorologists at Bidhan Chandhra Krishi Viswavidyalaya, Kalyani, West Bengal during 9-10 December, 2011.

### CONFERENCES ATTENDED >>

1. Paper presentation in the National Seminar on "**Impact of Climate Change on Extreme Weather Events and Indian Ocean**", conducted at Andhra University, Visakhapatnam, Andhra Pradesh during 27-29 November 2017.
2. Poster presentation in the National Symposium on "**Climate Change and Agriculture: Slicing Down the Uncertainties**", conducted at Central research Institute for Dryland Agriculture, Hyderabad during 22-23 January 2013.
3. Paper presentation in the National Seminar on "**Agrometeorological Research and Services to Combat Climate Change Challenges**", conducted at Bidhan Chandhra Krishi Viswavidyalaya, Kalyani, West Bengal during 9-10 December 2011.
4. Poster presentation in the National Conference of "**Ocean Society of India**", conducted at Andhra University, Visakhapatnam, Andhra Pradesh during 19-21 March 2009.

### TRAININGS ATTENDED >>

1. Participated in the DST sponsored SERB School on '**Agrometeorological Aspects of Extreme Weather Events**' organized at Central Research Institute for Dryland Agriculture from 1<sup>st</sup> to 21<sup>st</sup> May, 2013.

### PROFESSIONAL RECOGNITION >>

1. Reviewer of two International Journals
2. Life member of Association of Agrometeorologist
3. Member of Indian Meteorological Society, Cochin Chapter