



Dr. Kailas Kamaji Dakhore, B.Sc. (Agriculture), M.Sc (Agril. Meteorology.) Ph.D. (Agril. Meteorology). Postdoc (Satellite Meteorology), Netherlands Agrometeorologist, (AICRP on Agrometeorology) Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani, Dist: Parbhani, (MS).

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Educational Qualification

- **B.Sc (Agriculture) with a grade point 6.96 /10.00**, from Marathwada Agriculture University, Parbhani (M.S.) India (2001)
- **M.Sc. (Agricultural Meteorology) with a grade point 7.60/10.00**, From IGAU, Raipur, India (2003)
- **Ph.D. (Agricultural Meteorology) with a grade point 7.0/10.00**, From AAU, Anand (Guj.) India (2007)
- **Postdoc (Satellite Meteorology)** from Department of Natural Resources Management, Faculty of Geo-Information Science and Earth Observation (ITC), (University of Twente), Enschede, The Netherlands
- **PGDAIT with a grade point of 6.19/10.00** From AAU, Anand (Guj.) India (2009)
- **Citations 57 H-index 4 i10-index 3**

Summary of Experience (As on 24-03-2021)

- In the cadre of Research Associate of Agril. Meteorology : 04 Years
- In the cadre of Senior Research Associate of Agril. Meteorology : 02 Years
- In the cadre of Assistant Professor (Agril. Meteorology) : 3.5 Years
- In the cadre of Officer Incharge (AICRPAM) : 4.5 Years
- Total Experience : 14 Years**

Award and Honors

- Awarded “**Best Paper–Oral Presentation**” at Nagpur, ISRS Annual Convention and National Symposium on “Advances in Geo-spatial

Technologies with Special Emphasis on Sustainable Rainfed Agriculture at Nagpur, September 17 - 19, 2009.

- Received **Dr. P. D. MISTRY Gold medal Award for Best Ph.D thesis** by Association of Agrometeorologist for the year 2007-08.
- Received **Bhart Jyoti Award** by Indian International Friendship Society, New Delhi for the year 2014.
- Received **The Best Citizen of India Award** by Best Citizen Publishing House, New Delhi for the year 2014.
- Awarded the **Dr. S. Venkataraman Young Scientist Award** by Association of Agrometeorologists (AAM) in International Symposium on “Advances In Agrometeorology For Managing Climatic Risks Of Farmers” scheduled on 11th-13th February, 2019 at New Delhi.
- Received **Best AMFU Award** for the year 2018 for “**Outstanding Dissemination and Outreach of Agromet Advisories**” on the Occasion of 13th ARM of “GKMS” during 18-20 Dec. 2019 held at Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior (MP).
- Received **Best Paper–Oral Presentation** award by Association of Agrometeorologists (AAM) in Virtual National Conference on “Strategic Reorientation For Climate Smart Agriculture” during 17-19 March, 2021 at Punjab Agricultural University Ludhiana.

International Visits for training/seminars/workshops/Conferences

- Participated in COP 15 Climate Change Conference during 7 -18 Dec 2009 at Copenhagen.
- Visited **Food and Agricultural Organization of the United Nations, Rome, Italy**, during Feb 18-19, 2010.

Externally Funded Projects

- AICRP on Agrometeorology, VNMKV, Parbhani
Agrometeorologist (2016 to 2021) Total Grants: 25 Lakhs/Year
- AICRPAM-NICRA, VNMKV, Parbhani
Principal Investigator (2016 to 2021) Total Grants: 6 Lakhs/Year
- Gramin Krishi Mausam Sewa (GKMS), VNMKV, Parbhani
Principal Nodal Officer (2016 to 2021) Total Grants: 10 Lakhs/Year

- Crop Yield Forecasting Under FASAL, VNMKV, parbhani
Principal Investigator (2016 to 2021) Total Grants: 7 Lakhs/Year
- Crop Weather Observation Scheme, VNMKV, Parbhani
Principal Investigator (2016 to 2021) Total Grants: 0.5 Lakhs/Year
- Innovative and Contextual Agromet Advisory Services for Climate Smart Agriculture under Monsoon Mission – II, VNMKV, Parbhani.
Principal Investigator (2018 to 2021) Total Grants: 5 Lakhs/Year
- Watershed Organization Trust (WOTR), VNMKV, Parbhani
Principal Investigator (2017-2018) Total Grants: 4 Lakhs/Year
- Forecasting sugarcane production at mill command area in Maharashtra using satellite remote sensing and ground base Observation. VNMKV, Parbhani.
Principal Investigator (2017 to 2019) Total Grants: 6 Lakhs/Year

Research Publications

Google Citation H-Index: 4 and i10 index: 3 and Number of Citations: 57

Research gate RG-Score: 1.77; h-index: 2

- Research Papers in National & International Journal: 33
- Books: 5
- Popular Article : 50
- Book Chapter / Bulletins: 2

Teaching and Learning

Various courses taught to

- Graduate and postgraduate and Ph.D.(Agriculture and Engg.) students and performed other academic activities such as exam paper setting/ examining/ evaluation of students at VNMKV, Parbhani
- Graduate and Postgraduate in Agriculture students and performed other academic activities such as exam paper setting/ examining/ evaluation of students at College of Agriculture, Navsari.
- Recognized University teacher to supervise/ guide Post Graduate Students of VNMKV, Parbhani Guided 08 M.Sc (Agril. Meteorology) students, 10 M.Sc. Ph. D. Student Advisory committee member in various departments.

Member of academic/ education and research related statutory bodies

- Board of Studies in Department of Agricultural Meteorology, College of Agriculture, VNMKV, Parbhani
- Executive Council member of Association of Agrometeorologist: Journal of Agrometeorology
- Worked as member with district level committee for establishment of Automatic weather station at circle level of Nanded district in Maharashtra.

Professional Membership:

- Life member of the “Association of Agrometeorologist”
- Life member of the “Indian Meteorological Society”
- Member of “INSAM”

Reviewer

- Current Journal of Applied Science and Technology
- MAUSAM Journal

Short Term Courses / Workshops/Training Program:-

- Completed training on ‘**Agricultural Drought: Aspects of Micrometeorology**’ sponsored by DST and organized by CRIDA, Hyderabad during the period 25th September to 15 October 2006.
- Completed training on ‘**Crop Micrometeorology**’ sponsored by ICAR and organized by CRFT, College of Agriculture, Pune during the period 29th September to 19 October 2015
- Completed training on ‘**Advances in Data Science using R**’ sponsored by ICAR and organized by CRFT, Indian Agricultural Statistics Research Institute (IASRI), New Delhi, Delhi during the period 21 September to 11 October 2019
- completed online training ‘**Conservation Agriculture-based Sustainable Intensification**’ organized by agMOOCs during the period 12 February to 31 March 2020
- Successfully completed online training program “**Application of Digital Technologies for Smart Agriculture**” organized by NAHEP-CAAST-VNMKV & Indian Institute of Technology Bombay, Powai, Mumbai during the period 10th August to 28 August 2020

- Dr. Kailas K. Dakhore attended the three week short term course to NAHEP-CAAST-VNMKV during 10-28th August, 2020 organised by NAHEP, VNMKV, Parbhani IIT Bombay.
- XIV- Biennial workshop meeting of AICRP on Agrometeorology at PAU, Ludhiana during 5-7 December, 2016.
- Training on Operational techniques for combining extended and seasonal forecast and model in climatic risk management in Agriculture during 28 November to 03 December, 2016 at Hyderabad.
- Capacity Enhancement Program of AICRP on Agrometeorology 22 Feb. to 03 March, 2017 at CCS-HAU, Hissar.
- Workshop on “Emerging Applications of Space Technology in Agriculture and Allied sectors” SAC, ISRO, Ahmedabad from 28th to 29th June, 2017.
- Training on “Development of Climatic Risk Management Tools in Agriculture Using Extended Range Forecast” during 18th to 24th September 2017 at RVSKVV, Gwalior 474002 (MP).
- Training on “Competency Enhancement for Efficiency and Effective at Workplace” for newly recruited faculty members during 4th to 08th September 2017 at VNMKV, Parbhani 431 402 (MS).
- 11th Annual Review Meeting of GKMS and 8th Annual Review Meeting of FASAL project” during 15th to 18th November, 2017 at IGKV, Raipur (Chhattisgarh).
- Participate as resource person for “Use of Extended Range Forecast for Development of CRM tools in Agriculture” during 24th to 30th Dec. 2017 at University of Agriculture and Horticultural Sciences, Shimoga – 577 201 (Karnataka).
- Acted as a resource person for “Integration of Monthly and Seasonal ERFs forecast products with crop models for developing CRM tools in Agriculture” and attended the two day brainstorming meeting during 5th to 10th May 2018 at Indian Institute of Technology, Bhubaneswar (Odisha)

- Annual Workshop of AICRPAM-NICRA' to be held at Chandra Shekhar Azad University of Agriculture and Technology, Kanpur during 30th to 31st May, 2018.
- Two day workshop for Preparation and dissemination of Agromet Advisory at Block Level for west zone was organized by KVK, Aurangabad during 6-7th July, 2018 acted as resources person.
- Workshop on “Climate Smart Agriculture and Water Management” to be held at Central Campus, MPKV, Rahuri during 15th to 17th July, 2018
- Biennial workshop of AICRP on Agrometeorology, on dated 15th to 17th November, 2018 at Vijayapura campus of UAS Dharwad.
- XXVI Biennial Workshop of AICRP for Dryland Agriculture (AICRPDA) to be held at UAS, Bangalore during 16th–19th January, 2019.
- Sixth capacity enhancement programme (CEP) during 16th to 25th February, 2019 at Birsa Agricultural University, Kanke, Ranchi (Jharkhand).
- One week online training of “Remote sensing and GIS” Organized by NAHEP project during 04th to 08th June, 2020 at VNMKV, Parbhani.
- One week online international training “Recent Physio-molecular digital tools in abiotic stress management for crop modeling during 29th June to 03rd July, 2020 organized by NAHEP, VNMKV, Parbhani.
- Two week online short term course of “Application of digital technologies in agriculture during 13th to 24th July, 2020 Organized by IIT, Khargpur.
- Short Term Training Course on “Preparation and Dissemination of Agromet Advisories at Block level under Gramin Krishi Mausam Seva (GKMS) scheme” for Subject Matter Specialists (Agromet) & Observers of DAMUs during 27th July to 1st August, 2020 Organized by IMD, New Delhi.

- Three week short term course to NAHEP-CAAST-VNMKV during 10-28th August, 2020 organised by NAHEP, VNMKV, Parbhani IIT Bombay.
- 6-day short term online training on “preparation of Agromet Advisories” during 24-30 September 2020 for newly recruited SMS (Agromet) at DAMUs across the country jointly organized by IMD & ICAR.
- One day webinar on Crop Simulation Modelling (DSSAT) on dated 26th October, 2020 organized by Agromet cell SKUAST-K, Shalimar Kashmir, INDIA.
- 5-days online training course on “Statistical Yield Forecasting” During 23-27th November 2020 Organized by Agromet Advisory Service Division, IMD, New Delhi.
- Online three days training programme on “Climate change, impact, assessment and mitigation in Agriculture” on 06th-08th January 2021 organized by Punjab Agricultural University, Ludhiana.
- training on “GIS and Remote Sensing Application in Agriculture” during 20-25th January, 2021 organized by NAHEP, VNMKV, Parbhani.

Delivered guest Lecture/TV &Radio talk

- Participated in live TV talk show hosted by Sahyadri, Doordarshan on Climate Change, present and future status on 23rd, March 2017.
- Delivered the lecture on Recent Advancement in Agrometeorological Instruments , 06-02-2017 , capacity building in Soil , Plant , water , food , fodder research and advanced analytical techniques , organized by Department of soil science agricultural chemistry , VNMKV , Parbhani.
- Delivered the guest lecture on Strategies for Agricultural drought management in Model training course on Climate change and rainfed

Agriculture Sponsored by Dept. of Agriculture cooperation and Gov. of india, New Delhi on 23rd Oct, 2018 at VNMKV, Parbhani

- Delivered lecture on “Preparation of Agromet Advisory Service bulletins using observations, weather forecast, crop stage and state and other crop information: using different weather scenarios and crop situations” in 6-day short term online training during 24-30 September, 2020.
- Delivered lecture during National level one week online training program Addressing Climate and Disaster Stresses in Agriculture : S & T, Innovations and Extension on “Correlation and regression analysis using R software” from 9-11th December, 2020 organized by NIDM, New Delhi and PAU, Ludhiana.
- Delivered lecture to PoCRA training of facilitator on “Climate Change and Agriculture” during 22nd to 26th June, 2020 at ATIC, VNMKV, Parbhani.
- Delivered the guest lecture to Subject Matter Specialists (Agromet) & Observers of DAMUs on “Preparation of Agromet Advisory Service bulletins using observations, weather forecast, crop stage and state and other crop information: using different weather scenarios and crop situations and Preparation of complete block level AAS by the SMS (Agromet)” during Short Term Training Course on 31st July 2020 Organized by IMD, New Delhi.
- Participated in debate program on “Monsoon situation in marathwada region” Lokshahi news channel on dated 19th September, 2020.
- Delivered the TV talk on “Weather based Agromet advisory bulletin” in Amchi Mathi Amachi Manas program on Sayadari Doordarshan channel on dated 28th October, 2020.