

## Curriculum Vitae



**Name** **Dr. Pratap Vyankatrao Naikwade**  
**Qualification** M.Sc.(Bot.), Ph. D., B. Ed  
**Designation and Address** Head, Department of Botany, ASP College  
Devrukh, Ratnagiri (Affiliated to Mumbai  
University), India.  
**Mailing Address (Office)** Department of Botany, Athalye Sapre Pitre College,  
Devrukh, Dist. Ratnagiri, Maharashtra, India.  
(Home) 618, Vyankatesh Villa, Saptlingi Nagar, Sadwali,  
Devrukh-415804 Dist. Ratnagiri, Maharashtra,  
India.  
**E mail** naikwade.pratap@gmail.com  
**Mob. No.** **09595821891**

### **Educational Qualifications:**

#### **2017: Post-Doc. at USA**

Effect of climate change (wood plant encroachment) on livestock production and carbon sequestration in soil and plants.

School of Life Sciences and Sustainability,  
Arizona State University, Tempe, Arizona, USA.

#### **2010: Ph.D. (Botany)**

Studies on some biotechnological aspects of food preservation and nutrient sources of crop plants

Department of Botany,  
Dr. Babasaheb Ambedkar Marathwada University Aurangabad (MS).

#### **2005: B.Ed.**

Marathwada College of Education, Aurangabad,

Dr. B. A. M. University Aurangabad.

Percentage :- 72.00%

**2004 : M. Sc. (Botany)**

Department of Botany,

[Dr. Babasaheb Ambedkar Marathwada university Aurangabad]

Specialization : - “Plant Physiology”

Percentage :- 67.20%

**2002: B. Sc.**

Balbhim College Beed.

Dr. B. A. M. University Aurangabad.

Subjects : - Botany, Chemistry, Agrochemical and fertilizers

Percentage : -77.29%

**Teaching Experience:** 17 Years

**Research Experience:** 17 Years

**Field of Interest and research:** Sustainable agriculture, Food preservation, Weed utilization, Waste management, Soil science, Environmental science, Climate Change etc.

**Awards/Recognitions/Achievements:**

- Awarded with **C.V. Raman Fellowship** (2016-17) for post-doctoral research in USA at Arizona State University, **USA** for the research on climate change by University Grants Commission, Govt. of India.
- Received **Best Paper Presentation Award** at International Conference on Applied Science and Technology, San Francisco, **USA** on Dec. 23, 2016.
- Conferred with **Young Scientist of the Year Award 2014** by International Foundation for Science and Environment Kolkata, Science and Environmental Research Institute **Kolkata**, Indian Institute on Ecology and Environment, New Delhi, Confederation of Indian Universities on March, 02, 2015.
- Conferred with **Outstanding Researcher Award 2017** at International Conference on Interdisciplinary Research for Sustainable Development (IRSD–2017), National Institute of Technical Teachers Training and Research, MHRD, Govt. of India, **Chandigarh** on Nov. 06, 2017.
- Invited as visiting scientist by Auburn University, **USA** for the research on Sustainable Crop production.
- Invited for post-doctoral fellowship by Mauritius University, **Mauritius** for the research on green manures and green pesticides.
- Guided four students from ISTOM, **France** in Forest Conservation Project.
- International Collaboration with **Stockholm, Sweden** based Organizations viz. Climate Action and Future Earth and Srushtidnyan, Mumbai for **Climate Ambassador Project** from 2015 - till date.

- Member of ISDS Society, Tokyo, **Japan**
- Fellow of Life Sciences Leaflets, **India**
- Received Best NSS Program Officer Award 2016 by **University of Mumbai**, Mumbai.
- Received **The Environmentalist Award** for the contribution in environment protection by R. K. Help Academy, Maharashtra on Dec. 06, 2017.
- Maharashtra State Government Eklavya Merit Scholarship.

#### **Active Role in Important Committees**

- Coordinator of Research, Innovation and Incubation Forum for Konkan region initiated by Hon. Joint Director, Konkan region, Govt. of Maharashtra.
- Expert for Wetland Conservation Committee, Sangameshwar, Govt. of Maharashtra.
- Member of syllabus framing committee of B.Sc., M.Sc. Botany, paper setter and Examiner, Mumbai University.
- Expert for Biodiversity Study Committee constituted by Devrukh Municipal Corporation.
- Chairman, Board of Studies in Botany, ASP College (Autonomous) Devrukh, member of Board of Studies in Botany, SPK College (Autonomous) Sawantwadi
- Coordinator, IQAC, ASP College (Autonomous) Devrukh

#### **Patent:**

Stable squash preparation and method for preparation thereof. No.3797/MUM/2014 A. The Patent Office Journal 26/12/2014 17609, International classification: A23L 3/3508

#### **Member of Editorial/ Advisory Board of International Journals: 15**

- 1) International Journal of scientific and engineering research (I. Factor 3.8)
- 2) International online Multidisciplinary Journal of Review of Research (I. Factor 3.14)
- 3) Electronic International Interdisciplinary Research Journal (I. Factor 2.08)
- 4) Agricultural Science Research Journal
- 5) Life Sciences Leaflets (I. Factor 1.22)
- 6) International Journal of Advance Agricultural Research
- 7) Science Research Reporter (I. Factor 2.8)
- 8) Golden Research Thoughts (I. Factor 3.4)
- 9) Indian Streams Research Journal (I. Factor 4.16)
- 10) Frontiers in Geotechnical Engineering
- 11) Journal of Today's Biological Sciences
- 12) Agricultural Science Research Journal
- 13) Peak Journal of Biochemistry Research
- 14) International Journal of Sustainable Energy and Environment
- 15) International Journal of Agriculture Sciences (I. Factor 4.72)

## **Courses Organized: 02**

- 1) Course coordinator, Online Interdisciplinary ‘One week Certificate Course on Organic Farming’ (17 May to 23 May 2020), Training was given to about 3500 students, teachers and common people from almost all states of India.
- 2) Course coordinator, Online Interdisciplinary ‘One week Short Term Course on Basics of Organic Farming’ was 31 May to 6 June 2020, Training was given to about 4500 students, teachers and common people from almost all states of India.

## **Seminar / Conferences/ Workshops Organized: 30**

- 1) Member of organizing committee of two-day National Level Workshop on ‘Remote Sensing and GIS Applications in Geography’, organized by Department of Geography, Athalye-Sapre-Pitre College, 9-10 January 2011, Devrukh.
- 2) Member of organizing committee of the National Seminar on ‘Human Rights and Social Justice’ organized by Athalye-Sapre-Pitre College, 2-3 March 2012, Devrukh.
- 3) Member of organizing committee of One Day ‘N-LIST User Awareness Program on Access to E-resources’ organized by Athalye-Sapre-Pitre College, 1, October, 2012, Devrukh.
- 4) Member of organizing committee of two day National Seminar on ‘The Prospects and Paradigms of Quality Enhancement in HEI’ organized by Athalye-Sapre-Pitre College, 5-6 April, 2013. Devrukh, Maharashtra.
- 5) Member of organizing committee of two day Seminar on ‘Writing skills in Marathi and opportunities in industries ’ organized by Athalye-Sapre-Pitre College, 6-7 December, 2013. Devrukh, Maharashtra.
- 6) Organizing Secretary of International workshop on ‘US - India Higher Education System Scenario’ organized by Athalye-Sapre-Pitre College, 1 August, 2014, Devrukh, Maharashtra.
- 7) Member of organizing committee of National Conference on ‘Renewable energy and Environment’ organized by Athalye-Sapre-Pitre College, 25-27 September, 2014, Devrukh, Maharashtra.
- 8) Organizing Secretary of National Conference on ‘Conservation of Natural resources and biodiversity for Sustainable Development’ organized by Athalye-Sapre-Pitre College, 4-6 December, 2014. Devrukh, Maharashtra.
- 9) Member of organizing committee of International Conference on ‘Environment and Ecology’ organized by Foundation for Science and Environment Kolkata, Science, Environmental Research Institute Kolkata, Indian Institute on Ecology and Environment, New Delhi, Confederation of Indian Universities 2-4 March, 2015, Kolkata, W. Bengal.
- 10) Organizing Secretary of International Workshop on ‘Climate Change and Global Warming: Global Environmental issues’, Athalye-Sapre-Pitre College, 17 July, 2015, Devrukh, Maharashtra.

- 11) Organizing Secretary of International Workshop on ‘Climate Change: Causes and Mitigation’, Athalye-Sapre-Pitre College, 11 March, 2016, Devrukh, Maharashtra.
- 12) Organizing Secretary of International Workshop on ‘Measures to Combat Climate Change at Europe and India’, Athalye-Sapre-Pitre College, 23 November, 2017, Devrukh, Maharashtra.
- 13) Member of organizing committee of National Seminar on ‘Recent Trends in Life sciences for Sustainable development’ organized by Vasant Arts, Commerce and science College, 23 December 2017. Kaij, Maharashtra.
- 14) Member of technical committee of Second International Conference on ‘Research and Innovation Trends’ organised by Combined Society for Educational Research & Development, 6-7 January 2018, Dehradun, Uttarakhand.
- 15) Organizing Secretary of International Conference on ‘Environment, Development and Sustainability’, organised by Athalye-Sapre-Pitre College, 15 December, 2018. Devrukh.
- 16) Organizing Secretary of Workshop on ‘New Education Policy’ organized by Athalye-Sapre-Pitre College, 15 December, 2018, Devrukh.
- 17) Organizing Secretary of International Workshop on ‘Climate Change: Impacts on various sectors’ organized by Athalye-Sapre-Pitre College, 27 February 2020, Devrukh.
- 18) Coordinator of National Webinar on ‘Role of Induced Mutation in Crop Improvement and Crop Protection’ organized by Athalye-Sapre-Pitre College, 19 August 2020, Devrukh.
- 19) Coordinator of National Webinar on ‘Plant Disease Management’ organized by Athalye-Sapre-Pitre College, 15 September 2020, Devrukh.
- 20) Coordinator of National Webinar on ‘Sustainable Agriculture: Scope and Opportunities’ organized by Athalye-Sapre-Pitre College, 25 November 2020, Devrukh.
- 21) Coordinator of National Webinar on ‘Plant Diversity and Strategies for Conservation’ organized by Athalye-Sapre-Pitre College, 9 February 2021, Devrukh.
- 22) Organizing Secretary of International Webinar on ‘Nutrition Sensitive Agriculture-Focus on Biofortification’ organized by Athalye-Sapre-Pitre College, 8 March 2021, Devrukh.
- 23) Coordinator of National Webinar on ‘Retention of Youth in Agriculture’ organized by Athalye-Sapre-Pitre College, 27 April 2021, Devrukh.
- 24) Organizing Secretary of National Workshop on ‘Bonsai Making’ organized by Athalye-Sapre-Pitre College, 20 Feb. 2022, Devrukh.
- 25) Organizing Secretary of International Conference on ‘Environment, Development and Sustainability’ organized by Athalye-Sapre-Pitre College, 29-30 March 2022, Devrukh.
- 26) Organizing Secretary of International Workshop on ‘Climate Change: Causes and Impacts’ organized by Athalye-Sapre-Pitre College, 6 December 2022, Devrukh.
- 27) Organizing Secretary of International Workshop on ‘Emerging Trends in Education system in Sweden and India’ organized by Athalye-Sapre-Pitre College, 25 Feb. 2023, Devrukh.
- 28) Member of organizing committee of “International E-conference on Integrated Sciences” organized by Shri. Yashwantrao Patil Science College, Solankur on 8-9 February, 2024, Solankur.

- 29) Member of organizing committee of National Conference on 'Amrit Kaal: Dimensions of Sustainable Development in India' (An Interdisciplinary Conference) organized by Athalye-Sapre-Pitre College, 27th February, 2024, Devrukh.
- 30) Member of organizing committee of one day International Conference on 'Recent Advances on Material Sciences' (RAMS-2024) organized by Athalye-Sapre-Pitre College, 4 April, 2024, Devrukh.

**Key Note Address/Invited Talks delivered as resource person at National/International Level : 24**

- 1) Invited talk delivered on 'Environmental Education Perspective and Practices' in International Earth Expedition program organized by Project Dragonfly and Miyami University, **USA** on 5 August 2014.
- 2) Invited talk delivered on 'Impact of climate change on Agriculture and Environment' in International Conference on Ecology and Environment organized by Foundation for Science and Environment Kolkata, Science City, Kolkata, **West Bengal**, 2-4 March 2015.
- 3) Key Note Address delivered on 'Integrated Pest Management: Best management Practice to reduces use of pesticides' at National Seminar on Pesticidal impact on Flora and Fauna- Present Challenges and Controlling Measures (PIFF-PCCM) organized by Vikram Simhapuri University, Kavali, Nellore, **Andhra Pradesh**, 8-9 January, 2015.
- 4) Invited talk delivered on 'Skill based, Problem based learning and research based learning in Science Education' at National Seminar on Innovations of Science Education: A research Oriented Approach organized by Kasireddy Venkata Reddy Government College for Women, Kurnool, **Andhra Pradesh**, 2-3 February 2015.
- 5) Invited talk delivered on 'Geological resources and Environment' at National Seminar on Conservation of Natural Resources and Environment organized by Department of Biology, BKM Science College, Valsad, **Gujrat**, 13 September 2015.
- 6) Invited talk delivered on 'Climate change as emerging global environmental issue' at National Seminar on Environmental Challenges: Issues and Strategies organized by Annamalai University, Chidambaram, **Tamilnadu**, 11-12 February, 2016.
- 7) Invited talk delivered on 'Recent natural disasters and Loss of Natural Resources for Environmental Sustainability' at 'International Conference on Disaster Management and Sustainable Rural Livelihoods: A global Scenario and Plan for Future Prosperity' organized by Center for Rural Development, Annamalai University, Chidambaram, **Tamilnadu**, 23-24 March, 2016.
- 8) Invited talk delivered on 'Weed manures: Valuable resources for sustainable Agriculture' at International Conference on Healthcare, Applied science and Engineering, Holiday Inn Express Lynbrook, New York, **USA**, 21- 22 December 2016.

- 9) Invited talk delivered on 'New Revised guidelines of NAAC for Accreditation and effective functioning of IQAC' at National Workshop on Quality Initiatives through NAAC, Indira Institute of Pharmacy, Sadawali, **Maharashtra**, 20 March, 2018.
- 10) Invited talk delivered on 'Advanced research at USA on climate change' at International Conference on Advanced Research in Life Sciences' at S.G.M. College Karad, **Maharashtra**, 27-28 March, 2018.
- 11) Invited talk delivered on 'Recent Innovations in Environmental Research at USA' at International Conference on Recent Innovations in Bio sustainability And Environmental Research at Dept of zoology, Annamalai University, Chidambaram, **Tamilnadu**, 20-22 February, 2019.
- 12) Invited talk delivered on 'Basics and Advances in Composting and Waste Management' at International E-Conference on Plant Science organized by Swami Vivekanand College, Mantha, **Maharashtra**, 1 June 2020.
- 13) Invited talk delivered on 'Recent Trends in Engineering Technology' at Second International Conference on Recent Trends in Engineering Technology and Management organized by Sreyas Institute of Engineering and Technology, Hyderabad, **Telangana**, 20 June 2020.
- 14) Invited talk delivered on 'Scientific Temper among students and common people' at National Seminar organized by Sundarrao More Arts, Commerce and Science College, Poladpur, **Maharashtra**, 1 March 2021.
- 15) Invited talk delivered on 'Fungi and Agriculture' at International Webinar on Biodiversity of Fungi organized by Dr. Babasaheb Ambedkar College, Mahad, **Maharashtra**, 22-23 March 2021.
- 16) Invited talk delivered on 'Soil organic carbon sequestration by long-term application of weed manures' at International Conference on Innovative Research in Science and Technology organized by Kalikadevi Arts, Commerce and Science College, Shirur, **Maharashtra**, 25 July 2021.
- 17) Invited talk delivered on 'Wetlands for Sustainable Future' at National Seminar organized by Ramsheth Thakur College of Commerce and Science, Kharghar, New Mumbai, **Maharashtra**, 2 Feb. 2022
- 18) Invited talk delivered on 'Climate Change and its Effect on Biodiversity' at National Seminar organized by Motilal Jhunjunwala College of Arts, Science and Commerce, Vashi, New Mumbai, **Maharashtra**, 22 Feb. 2022
- 19) Invited talk delivered on 'Climate Change: Impacts and Mitigation' at National Workshop organized by Arts, Science and Commerce College, Mokhada, Dist. Palghar, **Maharashtra**, 4 March. 2022
- 20) Invited talk delivered on 'Past and Present status of Biodiversity of India' at National Seminar organized by Bhausahab Nene Arts, Science and Commerce College, Pen, Dist. Raigad, **Maharashtra**, 19 March. 2022

- 21) Invited talk delivered on 'Impact of Climate Change on Plant Metabolism' at International Conference on Life Sciences, Technology and Management organized by TEES, Ambajogai and Kalikadevi Arts, Commerce and Science College, Shirur Kasar, Dist. Beed, **Maharashtra**, 5 May. 2022
- 22) Invited talk delivered on 'Climate Change and Biodiversity: Global perspective' at National Seminar organized by Zulal Bhilajirao Patil College, Dhule, **Maharashtra**, 27 Sept. 2022
- 23) Invited talk delivered on 'Organic Farming: Need, Components and Strategies' at National Prof. V.S. Kothekar Lecture Series organized by Baburao Adaskar Mahavidyalay, Kaij, Dist. Beed, Maharashtra, 6 Feb. 2023
- 24) Invited talk delivered on 'Innovative Environment Conservation and Awareness Programs' at International Workshop on Emerging Trends in Education system in Sweden and India organized by Athalye-Sapre-Pitre College, Devrukh. Maharashtra, 25 Feb. 2023

#### **Research Papers presented in National Conferences/Seminars: 24**

- 1) **Pratap Naikwade** and Bharati Jadhav (2004). Studies on basic natural resources, National seminar and training workshop on impact of changing climate on biodiversity conservation and Eco-functional status, School of studies in Botany, Jiwaji University, 15-17 Jan. 2004, Gwalior.
- 2) **Pratap Naikwade**, Datta Chamale and Bharati Jadhav (2005). Effect of compost on fodder maize prepared from leaf litter, National conference in plant sciences, Department of Botany, Pravara rural education society's arts, commerce and Science College, 10-12 Mar. 2005, Pravaranagar.
- 3) **Pratap Naikwade** and Bharati Jadhav (2008). Effect of various *Trianthema* nutrients on yield and nutrient uptake of maize crop, National seminar on changing biodiversity scenario in India, initiatives for creation, Deogiri college, 14-15 July 2008, Aurangabad.
- 4) Sagar Sankpal, **Pratap Naikwade** and Narendra Tendolkar (2012). Science in the service of Human Rights, National Seminar on Human Rights and Social Justice organized by Athalye Sapre Pitre College, 2- 3 Mar. 2012, Devrukh.
- 5) **Pratap Naikwade**, Sagar Sankpal and Narendra Tendolkar (2012), Human Cloning and Human Rights. National Seminar on Human Rights and Social Justice organized by Athalye Sapre Pitre College, 2- 3 Mar. 2012, Devrukh.
- 6) **Pratap Naikwade**, Sagar Sankpal and Bharati Jadhav (2012), Importance of basics in composting. National conference on basic research vs. applied research in life sciences organized by S.B. College, 5-6 Oct. 2012, Aurangabad.
- 7) **Pratap Naikwade** (2012), Basics and applied research in soil organic matter. National conference on basic research vs. applied research in life sciences organized by S.B. College, 5-6 Oct. 2012, Aurangabad.



- 8) Sagar Sankpal, **Pratap Naikwade** and Raju Patil (2012), Basic research in heavy metal pollution of coastal sediment. National conference on basic research vs. applied research in life sciences organized by S.B. College, 5-6 Oct. 2012, Aurangabad.
- 9) **Pratap Naikwade** and Ranjit Bansode (2013), Innovative and Social Responsibility Practices in Botany. National Seminar on The Prospects and Paradigms of Quality Enhancement in HEI organized by Athalye-Sapre-Pitre College, 5-6 April, 2013. Devrukh.
- 10) Sardar Patil and **Pratap Naikwade** (2013), Quality learning through quality education. National Seminar on The Prospects and Paradigms of Quality Enhancement in HEI organized by Athalye-Sapre-Pitre College, 5-6 April, 2013. Devrukh.
- 11) **Pratap Naikwade** (2013), Studies on yield and productivity of *Jatropha curcas* L.: Promises and reality. National seminar on New vistas in Plant Science and Biotechnology, New Arts, Commerce and Science College, 2-3 Aug., 2013 Shevgaon.
- 12) **Pratap Naikwade**, Sagar Sankpal and Bharati Jadhav (2013), Ethanobotanical study of some plants belonging to Acanthaceae family in Konkan, Maharashtra. National seminar on New vistas in Plant Science and Biotechnology, New Arts, Commerce and Science College, 2-3 Aug., 2013 Shevgaon.
- 13) **Pratap Naikwade**, Ranjit Bansode, Sangita Ghadge and Chhaya Bhalshankar (2013), Floristic study of industrial estate of MIDC Mirjole Ratnagiri. National seminar on New vistas in Plant Science and Biotechnology, New Arts, Commerce and Science College, 2-3 Aug., 2013 Shevgaon.
- 14) Sagar Sankpal and **Pratap Naikwade** (2013), Environmental impact assessment of tourism on Ratnagiri coast. National seminar on New vistas in Plant Science and Biotechnology, New Arts, Commerce and Science College, 2-3 Aug., 2013 Shevgaon.
- 15) Chhaya K. Bhalshankar, Bharati B. Jadhav, Viththal E. Dharandale and **Pratap Naikwade** (2013), Effect of organic manure and biofertilizer on morphophysiological traits of *Vigna unguiculata* (L.)Walp. National seminar on New vistas in Plant Science and Biotechnology, New Arts, Commerce and Science College, 2-3 Aug., 2013 Shevgaon.
- 16) **Pratap Naikwade**, Sagar Sankpal (2013) Implementation of national biodiesel mission in India and Goals yet to be achieved. National seminar on New vistas in Plant Science and Biotechnology, New Arts, Commerce and Science College, 2-3 Aug., 2013 Shevgaon.
- 17) **Pratap Naikwade** (2014) Physicochemical Changes in *Trigonella Foenum-Graecum* L during Traditional Preservation. National Conference on 'Renewable energy and Environment' organized by Athalye-Sapre-Pitre College, 25-27 September, 2014. Devrukh.
- 18) **Pratap Naikwade** and Sangita Ghadge (2014) Use of Algae as Source of Biofuel. National Conference on Renewable energy and Environment organized by Athalye-Sapre-Pitre College, 25-27 September, 2014. Devrukh.
- 19) Madhuri Karande, Mangesh Tatkare, Suked Wadkar, Ranjit Bansode and **Pratap Naikwade** (2014) Carbon Sequestration in Samb Sacred Grove in Patgaon Dist. Ratnagiri, Maharashtra. National Conference on Conservation of Natural resources and biodiversity

- for Sustainable Development organized by Athalye-Sapre-Pitre College, 4-6 December, 2014. Devrukh.
- 20) Sharayu Dalavi, Poonam Shinde and **Pratap Naikwade** (2014) Effect of Bijamrut on seed germination and growth. National Conference on Conservation of Natural resources and biodiversity for Sustainable Development organized by Athalye-Sapre-Pitre College, 4-6 December, 2014. Devrukh.
  - 21) Kailas Jadhav, Pooja Mangale, Prajakta Ghotane, Ranjit Bansode and **Pratap Naikwade** (2014) Study on Antibacterial Properties of *Musa paradisiaca* leaves. National Conference on Conservation of Natural resources and biodiversity for Sustainable Development organized by Athalye-Sapre-Pitre College, 4-6 December, 2014. Devrukh.
  - 22) **Pratap Naikwade** (2017) Impact of climate change on biodiversity and mitigation. National Conference on Materials and Environmental Science organized by Shri Yashwantrao Patil Science College, 15 Feb., 2017. Solankur, Kolhapur.
  - 23) **Pratap Naikwade** (2020) Impact of Climate Change on Potato Production and Mitigation Measures. One Day National Conference on Recent Advances In Sciences organized by Shivaji Arts, Commerce and Science College Kannad. Dist: Aurangabad.
  - 24) **Pratap Naikwade** (2024) Global Environmental Agreements: Significance, Challenges and Future Prospects. National Conference on 'Amrit Kaal: Dimensions of Sustainable Development in India' (An Interdisciplinary Conference) organized by Athalye-Sapre-Pitre College, 27th February, 2024, Devrukh.

### **Research Papers presented in International Conferences: 33**

- 1) **Pratap Naikwade** and Bharati Jadhav (2010). Physiological studies on growth behavior and yield of maize crop cultivated on various *Ipomoea* manures, International conference on Folk and herbal medicine, Udaipur University, 25- 27 Nov. 2010, Udaipur. (R.J.)
- 2) **Pratap Naikwade** (2012). Impact of Bio-fuel crop production like *Jatropha curcas* Linn. on rural development of Konkan region, Maharashtra, India, International Conference on climate change and sustainable management of natural resources, ITM University, 5 -7 Feb. 2012, Gwalior.
- 3) Sagar Sankpal and **Pratap Naikwade** (2012). Studies on alternatives to *Jatropha curcas* Linn. as bio-fuel crop, International Conference on climate change and sustainable management of natural resources, ITM University, 5 -7 Feb. 2012, Gwalior.
- 4) **Pratap Naikwade** and Bharati Jadhav (2012). Sustainable agriculture for food production- Farming for the future with ideas from past, International Conference on climate change and sustainable management of natural resources, ITM University, 5 -7 Feb. 2012, Gwalior.
- 5) **Pratap Naikwade** (2012). Composting and vermicomposting of dangerous weed *Parthenium hysterophorus* L. by using earthworm *Eisenia foetida*, International

Conference on advances in biological sciences, Kannur University, 15 -17 Mar. 2012, Kannur, Kerala.

- 6) **Pratap Naikwade**, Chhaya Bhalshankar and Sagar Sankpal (2012), Vermicomposting biotechnology for improvement of quality and yield of spinach, International Conference on advances in biological sciences, Kannur University, 15 -17 Mar. 2012, Kannur, Kerala.
- 7) **Pratap Naikwade**, Babu Sarwade and Bharati Jadhav (2012). Response of fodder maize to application of compost, vermicompost prepared from *Ipomoea muricata* weed, International Conference on advances in biological sciences, Kannur University, 15 -17 Mar. 2012, Kannur, Kerala.
- 8) Madhukar Ahire, **Pratap Naikwade** and Bharati Jadhav (2012). Effect of different organic manures prepared from *Cassia tora* L. on growth and yield of fenugreek, International Conference on advances in biological sciences, Kannur University, 15 -17 Mar. 2012, Kannur, Kerala.
- 9) Sagar Sankpal and **Pratap Naikwade** (2012), Physico-chemical analysis of vegetable samples and effluent discharge from Lote Pershram industrial area, Maharashtra, India. International Conference on advances in biological sciences, Kannur University, 15 -17 Mar. 2012, Kannur, Kerala.
- 10) **Pratap Naikwade** (2013), Transfer of Biotechnology for use of Rural Bio waste and Bio Mass as manure, International conference on Transfer of Biotechnology and Land Use Management for Sustainable Development. 16-17 Feb. 2013, Govt. College Aron, Madhya Pradesh.
- 11) **Pratap Naikwade**, Ranjit Bansode and Sagar Sankpal (2013), Biofuels: Potential, Current Issues and Future Trends, International conference on Transfer of Biotechnology and Land Use Management for Sustainable Development. 16-17 Feb. 2013, Govt. College Aron, Madhya Pradesh.
- 12) **Pratap Naikwade** (2013), Waste management by composting and its effect on growth of *Trigonella*, International conference on Ecosystem conservation, climate change and sustainable development, 3-5 Oct. 2013, University of Kerala, Thiruvananthapuram, Kerala.
- 13) **Pratap Naikwade**, Ranjit Bansode, Sagar Sankpal Bharati Jadhav (2013), Biodiversity of mangroves in estuarine ecosystems of Ratnagiri district, International conference on Ecosystem conservation, climate change and sustainable development, 3-5 Oct. 2013, University of Kerala, Thiruvananthapuram, Kerala.
- 14) Sagar Sankpal and **Pratap Naikwade** (2013), Seasonal variation in nutrient load of water along the Ratnagiri coast, Maharashtra, India, International conference on Ecosystem conservation, climate change and sustainable development, 3-5 Oct. 2013, University of Kerala, Thiruvananthapuram, Kerala.

- 15) **Pratap Naikwade** and Sagar Sankpal (2013), Study on cultivation of biofuel crop *Jatropha curcas* Linn., International conference on Emerging trends in renewable energy, 27-28 Dec. 2013, C.V. Raman College of Engineering, Bhubaneswar, Odisha.
- 16) Sagar Sankpal and **Pratap Naikwade** (2013), important biofuel crops; Advantages and Disadvantages, International conference on Emerging trends in renewable energy, 27-28 Dec. 2013, C.V. Raman College of Engineering, Bhubaneswar, Odisha.
- 17) **Pratap Naikwade** (2015), Vermicomposting and composting as environmental biotechnology for waste management and sustainable agriculture, International Conference on Ecology and Environment organized by Foundation for Science and Environment Kolkata on 2-4 March 2015, Science City, Kolkata.
- 18) **Pratap Naikwade** and Sangita Ghadge (2015), Fungal diversity associated with leaf decomposition of mangrove plant *Kandelia candel* (L.)Druce, International Conference on Ecology and Environment organized by Foundation for Science and Environment Kolkata on 2-4 March 2015, Science City, Kolkata.
- 19) **Pratap Naikwade** (2016), *Trianthema portulacastrum* Linn. As New Source for Organic Manure Preparation and It's Effect on Growth, Yield and Nutrient Content of Fodder Maize, International Conference on Healthcare, Applied science and Engineering, 23– 24 December 2016, San Francisco, USA.
- 20) **Pratap Naikwade** (2017), Effect of Organic Manures prepared from *Trianthema* on Growth of *Zea mays* L. and residual effect. International Conference on Interdisciplinary Research for Sustainable Development, organised by National Institute of Technical Teachers Training and Research, MHRD, Govt. of India, 06-07 Nov., 2017. Chandigarh.
- 21) **Pratap Naikwade** and Shravani Sudhir Surve, Sanika Vikas Pawar, Akshata Vijay Rasal (2018), Dust Interception Capacity and Air Pollution Tolerance Index (APTI) of certain trees and effect on chlorophyll, ascorbic acid etc. International Conference on Environment, Development and Sustainability, organised by Athalye-Sapre-Pitre College, 15 December, 2018. Devrukh.
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- 11) **Pratap Naikwade** (2022), Impact of climate change on wheat productivity in India, Book chapter in Extreme Weather Events Under Changing Climate in Indian Himalayan Region published by Mohindra Publishing House, ISBN 978-93-90758-33-3, pp 145-158.
- 12) **Pratap Naikwade** (2022), Plants used for phytoremediation of contaminated soils, Book chapter in Frontiers in Biological Sciences published by Xpress publishing, ISBN 979-88-86296-08-2, pp 111-131.
- 13) **Pratap Naikwade** (2024), Global Environmental Agreements: Significance, Challenges and Future Prospects, Book chapter in 'Amrit Kaal: Dimensions of Sustainable Development in India' published by Athalye-Sapre-Pitre College, Devrukh, ISBN 978-81-927710-1-4, pp 6-13.
- 14) **Pratap Naikwade** (2024), Nanomaterial: Types, Methods of Synthesis and Applications in medicines, electronics, and computing, Book chapter in Recent Advances in Material Sciences, published by LAP LAMBERT Academic Publishing, London, ISBN 978-620-7-65373-7, pp 55-70.
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