

**DR. CHANDRASHEKHAR BHIMRAO PAWAR**



**(A) Personal Details-**

Name	<b>DR. CHANDRASHEKHAR BHIMRAO PAWAR</b>
Date of Birth	<b>16/11/1980</b> <b>38 Years</b>
Address for Communication	<b>A/P- Tadsar Tal- Kadegaon Dist- Sangli Pin 415304 Maharashtra, India</b>
Contact Information:	<b>Mobile- 9923122791/ 9823122791</b> <b>Landline</b> <b>Email- <a href="mailto:pawarcb16@gmail.com">pawarcb16@gmail.com</a>, <a href="mailto:shekhar102030pawar@rediffmail.com">shekhar102030pawar@rediffmail.com</a>.</b>

**B) Educational Qualification-**

Level	University	Name of Course	Year of Passing	Class obtained	Major subjects
Ph.D	Dr. BAMU, Aurangabad	Ph. D course	12 June 2013	NA	A study of watershed development and Its management in Kadegaon, Khanapur and Atapadi thesils in Sangli district of Maharashtra
M.Sc.	Association of Indian University, Under UGC New Delhi	Environment Science	2004	I	Environmental science and engineering, EIA, Statistical modulation, Solid waste management
B.Sc	Shivaji University, Kolhapur	Chemistry	2001	II	Physical, Organic, Inorganic, Analytical and Industrial chemistry

Please list your areas of highest competency, special skills or other items that may contribute to your abilities in performing the mentioned position. (e.g.: Project management, Leadership, Team work, Negotiator/communicator, Facilitator of Change, Performer etc.)

**1. Training and Capacity building-**

About 62 Training programs have been conducted and over 1500 technical sessions have been delivered on various aspects of watershed development and management, Global warming, success stories of watershed development program e.g. Hiware Bazar in Ahmednagar and Kadwanchi in Jalana district.

**1.1 Training and Capacity building program under POCRA program**

Coordinated workshop under POCRA Program held in YASHADA for Grass root trainers.

**1.2 Training and capacity building program village level functionaries of Kolhapur district-**

Training conducted during 21- 23 August and 28-29 August 2017

**1.3 Training under livelihood promotion under IWMP.**

Delivered lecture on livelihood promotion 3<sup>rd</sup> October 2017 at YASHADA.

## **2. Impact Evaluation studies –**

- **2011-12--** Impact evaluation studies under DPAP program for Satara and Dhule- Nandurbar have been completed and report submitted to DoLR, Ministry of Rural Development, New Delhi.

## **3. Mid Term Evaluation Reports- (As a representative of DoLR, Ministry of Rural Development, Government of India)**

**Under TDET impact evaluation of three projects have been carried out.**

- A. Subsurface drainage technology in reclamation of saline soil at Kasabe Digraj Village in Sangli District, Maharashtra.
- B. Subsurface drainage technology in reclamation of saline soil at Dudhgaon Village in Sangli District, Maharashtra.
- C. Surface drainage in reclamation of saline soil at Nahar, Kambodia and Kanthar village in Bharuch district in Gujrat.

**All the reports have been submitted to DoLR, MoRD, New Delhi**

## **4. Research papers published in the International Journals:-**

About 29 research article published in International and National Journals ( Please See **Annexure No. 1**)

## **5. Papers presented in the Conferences and Books ( Please See Annexure No. 2)**

- I) International Conferences – 07
- II) National Conferences - 26

**Total 22 research papers were presented in the International and National conference. All these articles are accepted in International journals**

- **First prize for Poster Presentation-** National conference on recent trends in Biodiversity and Bioscience, 14<sup>th</sup> -15<sup>th</sup> March 2009, organized by the P.V.P College, Murum, Dist.Osomanabad (MH). The paper entitled **“Ex-situ conservation of P. Swammerdamii Scorpion of Sagreshwar wildlife Sanctuary through Captive Breeding in the Laboratory”**
- **Certificate of the Excellence** for the research paper on Molluscan Biodiversity by Editorial Committee of the Bionano Frontier Journal by International Scientific Society, Mumbai.
- **Best research paper award** in national conference held at Indira College of Commerce and Science, Tathwade, Pune on recent trends in Computer Science and Applications and Computational Mathematics, on 16<sup>th</sup> and 17<sup>th</sup> January 2016. The paper entitled **“Annual runoff computation using V notch method- A comparative analysis of two micro-**

watersheds in the Krishna Basin (KR-22) in Maharashtra”.

**III. Books Published- 16.** ( Academic 09 and 06 reference) Please see Annexure No.2

**09 academic books are on the syllabus of environmental studies of Shivaji University, Kolhapur, Pune University, Pune, Solapur University, Solapur and Higher secondary Board, Pune for all over Maharashtra.**

**6. Proposals developed and Grants received - Training and Capacity Building**

**A Ministry of Rural Development, Department of Land Resources - Rs. 23.70 Lakhs (Sanctioned and Program completed)**

**B. Farm pond proposal – Government of Maharashtra- Rs. 42 Lakhs (Project Completed)**

**C. National Institute of Rural Development (NIRD), Hyderabad- Rs. 6.50 Lakhs- (Program on-going).**

**7. Indira Gandhi National Open University (IGONU), New Delhi –**

Reading Material developed for Diploma in Watershed Management for IGONU, March 2013. BNRI 101, BNRI 102 and BNRI 103. **ISBN- 978-81-266-4996-9**

**F) Extra Curricular Activity-**

**1. Interviews on the Television Mee Marathi –** Interviews conducted & telecasted by the Mee Marathi, dated on 19<sup>th</sup> March 2008 on the topic Scorpion Biodiversity in the Maharashtra.

**2. Interviews conducted by the ETV and IBN Lokmat channels –**

Dated on 5<sup>th</sup> August 2008, on the topic Scorpion Biodiversity in the Maharashtra.

**3. Radio Talk-** Recorded on 22<sup>nd</sup> August 2011- Pune Akashwani and broadcasted on 07<sup>th</sup> September 2011, on the Topic Common Guidelines for Watershed Development, 2008.

**4. Chairperson for the National Seminar - National level seminar on “Sustainable development of Rainwater harvesting in drought prone region of Maharashtra, India”.** 24<sup>th</sup> January 2012. Venue at R.R.Patil college of Arts, Commerce and Science, Savlaj Tal. Tasgaon Dist Sangli

**5. Radio Talk-** Recording on 18<sup>th</sup> February 2013 and broadcasted on 01 March 2013 on Watershed Management.

**6. Chairperson for the National Seminar –** National Conference on Rural Management, Bharti Vidyapeeths, Institute of Rural Management, Sangli. 28<sup>th</sup> February to 1<sup>st</sup> March 2015.

**6. Selected as an Academic Research Coordinator (ARC) of Indira College of Commerce and Science, Tathwade, Pune with effective from 01<sup>st</sup> August 2015.**

**7. Resource person at state level national seminar at Arts, Science and Commerce College, Kalvan Nashik , 4<sup>th</sup> January 2017. Delivered** Technical session on “ Role of biodiversity in Environment Conservation”.

#### **D) Experience-**

From To	<b>01 July 2015 to till this date</b>
Employer	Indira College of Commerce and Science, Tathwade, Pune
Position & Location	<b>Assistant Professor (Approved Faculty by SPPU, Pune as per UGC norms).</b>
Duties	Teaching the subject Environmental Awareness

From To	<b>1<sup>st</sup> August 2014 to 30 June 2015</b>
Employer	<b>Yashwantrao Chavan academy of Development Administration YASHADA, Rajbhavan Complex, Baner Road, Pune 411007.</b>
Position & Location	Resource Person and Program Coordinator, SIRD, YASHADA, Pune
Duties	Developed 30 training modules for newly elected Gram Panchyat members. The subjects are <b>Animal Husbandry, Water Resources, Agriculture, Climate Change and Forest, Ecosystem and Biodiversity</b> . The modules are <b>published by Ministry of Panchyat Raj, Government of India.</b>

From To	<b>06 February 2013 to 15 October 2013</b>
Employer	<b>Yashwantrao Chavan academy of Development Administration YASHADA, Rajbhavan Complex, Baner Road, Pune 411007.</b>
Position & Location	Assistant Professor (Assistant Project Director), <b>Centre for Equity and Social Justice, (CESJ).</b>
Duties	<b>Assessment of Impacts of Tribal sub plan (TSP) on Tribal Development.</b> I worked as a <b>Nodal Officer for Taloda Block in Nandurbar district of Maharashtra</b> as well <b>Team leader for Report Preparation</b>

From To	<b>03 June 2012 to 12 January 2013</b>
Employer	Yashwantrao Chavan academy of Development Administration YASHADA, Rajbhavan Complex, Baner Road, Pune 411007.
Position & Location	<b>Assistant Professor (Assistant Project Director), State Institute for Rural Development (SIRD)</b>
Duties	Training and capacity building under Integrated Watershed Management Program (IWMP)- Orientation Training program, Participatory Rural Appraisal (PRA) and Detail Training Program (DPR preparation) trainings have been conducted. As a <b>Course Director about 62 Training Programs have been conducted for Class I, II Government Officers</b> , One Training Program for <b>District collectors of all 33 districts under IWMP have been</b>

	<b>conducted. Till to This date over 1500 technical session have been conducted at YASHADA level with Excellent remarks</b>
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From To	<b>29 June 2009 to 02 June 2012.</b>
Employer	Yashwantrao Chavan academy of Development Administration YASHADA, Rajbhavan Complex, Baner Road, Pune 411007.
Position & Location	<b>Research Officer and Course Director, Watershed Management Centre, State Institute for Rural Development (SIRD)</b>
Duties	<ol style="list-style-type: none"> <li>1. Organizing and conducting training programs,</li> <li>2. <b>Impact evaluation of DPAP projects- As a team leader assessment of DPAP projects in Satara and Dhule- Nandurbar district have been carried out.</b> The reports are submitted to Department of Land resources (DoLR), <b>Ministry of Rural Development, Government of India, New Delhi.</b></li> <li>3. Midterm assessment of Technology, Development, Extension and Training (TDET projects)</li> </ol>

From To	<b>20<sup>th</sup> June 2007 to June 2009</b>
Employer	Sangola college, Sangola Dist- Solapur, Maharashtra
Position & Location	<b>Assistant Professor,</b> Department of Environmental Science.
Duties	Delivering lectures, Research projects on different aspects Environmental Studies

From To	<b>June 2005 to May 2006</b>
Employer	Rayat Shikshan Sanstha's , Arts, Science and Commerce College, Burla Tal- Palus Dist- Sangli.
Position & Location	Assistant Professor, Department of Environmental Science.
Duties	Delivering lectures, Research projects on different aspects Environmental Studies

**(E) Experience :**


Presently i am associated with two innovative projects of <b>Ministry of Panchayat Raj (MoPR), New Delhi, Government of India</b>
1. MoPR has identified as a Yashwantrao Chavan Academy of Development Administration (YASHADA) as a National level organization to develop reading material, training module and reference book for the members and functionaries of PRI. This material will be translated in 28 languages in India. For this project i am appointed as a <b>consultant and program coordinator by YASHADA.</b>
2. <b>Consultant-</b> Project of Equitable water distribution of Chikotra river in Ajara block of

Kolhapur district in Maharashtra. Pilot project of sanctioned by Ministry of Water Resources, Government of Maharashtra and Ministry of Water Resources, Government of India. The cost of project is Rs. 30.54 Crore. I am associated with this project from November 2013 to till this date.

3. I did **micro planning of Khatkale and Kewadi village in Junnar block of Pune district along with Participatory Rural Appraisal (PRA)** activities under the training and capacity building of Class II officers from Tribal department, Government of Maharashtra. 15 December 2013 to 26 December 2013.

**(F) Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge.



**Annexure No.1- Papers published in International Journals.**

**1.Current Science**, Volume 95,No.6, 25 September 2008, *Municipal solid waste disposal in the pune city –An analysis of air and ground water pollution*.ISSN-0973-7286 Page no.773-777. [www.ias.ac.in/currsci/sep252008/contents.htm](http://www.ias.ac.in/currsci/sep252008/contents.htm)

**2. Bionano Frontier**, Special issue 28 Febuary 2009, *Molluscan Diversity from fresh water tank at Chincholi near Sangola in Solapur District (MS),India.*,ISSN 0974-0678 ,page 87-88.

**3. Indian Journal of Agriculture Economics:** - Volume 63, No.3 *Renewable energy and rural development: utilization of waste biomass for energy generation –A case study (Summary)* . ISSN 0019-5014, page 457. [www.encyclopedia.com/doc/1P3-1607900641.html](http://www.encyclopedia.com/doc/1P3-1607900641.html)

**4. Indian Journal of Psychology and Mental Health:** - Volume 1, No.1, August 2007.*Psychological and clinical study of Maharashtra state transport (ST) personnel's with reference to the Environmental pollution.* ISSN 0973-7286 page 38-44.

**5. International Journal of flora and Fauna:-**Volume 15, No.2, 2009, *Biodiversity of terrestrial scorpions in the Osomanabad district (Ms) India.* ISSN 0971-6920 page 297-300. [www.floraandfona.org](http://www.floraandfona.org).

- 6. Journal of Environmental Science and Engineering:-**Volume 51 No.3, July 2009, *Noise induced hearing loss (NIHL) in the saw mill and printing press workers in Akuj town of Solapur District.* Page-187-190. ISSN-
- 7. Nature Environment and Pollution Technology:-**Volume 8 No.3 September 2009.*Scope and potential of the bio-diesel production and pollution reduction –A case study of sugar industry.* ISSN 0972-6268. page 523-528.
- 8. Afro –Asian Journal of Rural Development:-**Vol.XXXXII, No. 2, *Rural electrification and social change,A case of Nagewadi village in Sangola Thesil of Solapur District ,Maharashtra.* ISSN-0972-3021 page. <http://aardo.org/documentation.htm>.
- 9. Asia –Pacific Journal of Rural Development: -** Volume XIX No. 1, *ICT and Empowerment of Rural and Deprived women in Asia.* ISSN 1018-5291, page 1-22. (Bangladesh) [www.cirdap.org.sg/Ap\\_contents\\_July09.htm](http://www.cirdap.org.sg/Ap_contents_July09.htm). July 2009.
- 10. Enrich Environment:-**Issue 05, Volume 03, No.02, June 2009, *Bioremediation of the surfactants- A case of Mulla-Mutta river in pune city.*ISSN-0974-6064., page
- 11. International Journal of flora and Fauna:-**Volume 16 No.2, 2010, *A study of some Faunal Terrestrial species by Scaring and Worshipping in the village fair of Kathi Sawargaon Village in Osomanabad district (Ms) India .*ISSN 0971-6920 page 318-320. [www.floraandfona.org](http://www.floraandfona.org).
- 12. Ashwatta- (YASHADA- State Government of Maharashtra)** Issue No.1, Volume No 5, December –January 2011 -*Roof top rain water harvesting - A potential assessment study of Renavi village Sangli District,* ISSN- 0976-3740 Page- 7-11.
- 13. International Journal of Development Studies-** Issue I, Volume IV , No., January- June 2012, *Subsurface drainage technology in reclamation of the saline soil-A case of Kasabe digraj village in Sangli district .* ISSN- 0975-5799. Volume- III Issue- II Page- 69. website- [www.rsmeena.org](http://www.rsmeena.org).
- 14. International Journal of Development Studies-** Issue 01, Volume No5 *Health - ? The False Dilemma of Cash Crop Growing Farmers and Laborers in the Nandani Village of Western India.* ISSN- 0975-5799. Volume- III Issue- II Page- 69 . website- [www.rsmeena.org](http://www.rsmeena.org).

**15. International Journal of Rural Management, 6(1), 2010:** 33–62-SAGE Publications, Los Angeles/London/New Delhi/Singapore/Washington DC, DOI: 10.1177/097300521100600102, *Connecting Power: Biomass Electrification, Social Change and Management in Indian Village*. ISSN-0973-0052.

**16. International Journal of Entrepreneurship & Management** - “Watershed and Small Entrepreneurship Development - A case of Kadwanchi village of Jalana District of Maharashtra, India.” February 2011. Volume-01 Issue- 01. ISSN-2277-6850

Website - [www.manuscripts.publishingindia.com](http://www.manuscripts.publishingindia.com) .Page.30-36.

**17. African Journal of Agricultural Research-** Vol. 9 (25), P. 1941-1974. *A case study of Rooftop rain water harvesting – Ground water and potential assessment study in Renavi village of Western Maharashtra-New approach of Watershed Development in India*. ISSN-1991-637X. 2014.

**18. Indian Co-operative Review- Volume 45.No.4, April, 2008-** *Co-operatives and Rural Development : A sociological case study of Malshiras taluka of western Maharashtra*. Page-322-336. ISSN- (The National co-operative union of India, New Delhi).

**19. Modern Management and Science – United Kingdom- ( 2013)- Volume 01. No.2.** (Print and Online) *Remote Sensing and Geographical Information System (GIS) based Morphometric analysis of KR-34 Watershed in the Sangli District in Western Maharashtra.p.*

**20. Journal of Water Resource – Photon series, New- Zealand- (2013)-** *Remote Sensing and Geographical Information System (GIS) based Morphometric analysis of KR-25 Watershed to understand the scope for Watershed Development in the Sangli District in Western Maharashtra. India. ISJN: 3294 9473. P. 175 to183.* [http://sites.google.com/site/photonfoundationoranzation/home/journal\\_of\\_water\\_research](http://sites.google.com/site/photonfoundationoranzation/home/journal_of_water_research)

**21. Bionano Frontier, Bombay Scientific Society’s – (2017)** “*Computation of Specific yield using Slichter’s and Jacobs’s method to assess the water yielding capacities of open wells – A scientific base for Water Resource Development in Rural India*”. ISSN 0974-0678.

**22. Bionano Frontier, Bombay Scientific Society’s – (2017) -** *Statistical analysis of Geochemical Parameters of Groundwater in the Arid Region (KR 22, KR 25, KR 34 and BM 114 watersheds) in Sangli district of Maharashtra*. ISSN 0974-0678.



**b) Research papers published in the National Journals:-**

**23. The sociologist:** - Volume 1, No.2, September 2007- *A study of communication networks and agricultural women's in the Borpadale village of southern Maharashtra.* Page, 320-329.

**24. The Geographer:** - Volume 54, No.2, July 2007, *Roof top rain water harvesting in the Revangaon village of the Sangli district of Maharashtra.* page.96.

**25. Vanrai – Non-Conventional Energy Resources-** Special Volume on Energy, 2010- *Prosopis Juliflora- Renewable energy resource for the Rural areas-* Page 189-192.

**26. Vanrai News letter-** *Global Warming and its impact.* P. 17 Issue No.7 July 2010.P.16.

**Annexure No.2-**

No.	Name of the Book	Details	Publication	Contributors
1	Environmental Studies (2005)	S.Y. B.Sc. Law, Engg.	Phadke Publication, Kolhapur	A. M. Dhere, <b>C. B. Pawar</b> , D. A. Patil
2	Environmental Education (2006)	XI	Phadke Publication, Kolhapur	D. A. Patil, <b>C. B. Pawar</b> , A. M. Dhere
3	Paryavaran Abhyas (2006)	S.Y.B.A., S.Y.B.Com.	Akshavand Publication, Akluj	<b>C. B. Pawar</b> , A. M. Dhere D. A. Patil,
4	Paryavaran Abhyas (2005)	S.Y.B.A., S.Y.B.Com	Shabdwell Publication, Kolhapur	<b>C. B. Pawar</b> , A. M. Dhere D. A. Patil
5	Paryavaranache Badlate Antarang (2006)	Reference book	Akshavand Publication, Akluj	<b>C. B. Pawar</b> , A. M. Dhere D. A. Patil
6	Ratnavasundhara	Special Bulletin on Env. Issues	Akshavand Publication, Akluj	<b>C. B. Pawar</b> , A. M. Dhere D. A. Patil
7	Environmental Education (2007)	XII (English)	Phadke Publication, Kolhapur	D. A. Patil, <b>C. B. Pawar</b> , A. M. Dhere
8	Environment Education	B. Ed. / M. Ed (2008)	Phadke Publications, Kolhapur	<b>C. B. Pawar</b> , A. M. Dhere D. A. Patil
9	Development Communication in India (2007)	Reference Book (2009)	Geeta Publications, Kanpur (U.P.)	D. A. Patil, A. M. Dhere, <b>C. B. Pawar</b>
10	Paryavaran Abhyas (2008)	XI (Marathi)	Akshar Lena Publication, Solapur.	<b>C. B. Pawar</b> , A. M. Dhere D. A. Patil

11	Environmental Studies	Reference book (2012 )	Godwa Publication	Dr. C. B. Pawar, Dr. S.S. Patil, Dr. D. A. Patil
12	Environmental Issues	Reference Book (2012 )	Godwa Publication	Dr. C. B. Pawar, Dr. S.S. Patil, Dr. D. A. Patil
13	Animal Husbandry and Grampanchyat	Elementary book for Grampanchyats (2016)	Ministry of Panchyat Raj (MoPR), GOI, New Delhi	Dr. Ramnath Sadekar, Dr. Nitin Markandey, Dr. Sumant Pande and Dr.C.B.Pawar
14	Water Resources at Grampanchyat	Elementary book for Grampanchyats (2017)	Ministry of Panchyat Raj (MoPR), GOI, New Delhi	Dr.C.B.Pawar, Mr. Rishu Garg and Mr. C.T.Jadhav
15	Forest, Ecosystem and Biodiversity	Elementary book for Grampanchyats (2017)	Ministry of Panchyat Raj (MoPR), GOI, New Delhi	Dr. Tethali, Mr.Subodh Kulkarni and Dr. C.B.Pawar
16	Agriculture at Grampanchyat	Elementary book for Grampanchyats (2017)	Ministry of Panchyat Raj (MoPR), GOI, New Delhi	Dr. Harihar Kausaidkar, Dr. Patil and Dr. C.B.Pawar