

Curriculum Vitae

1.	Designation	PROFESSOR & HEAD (SWCE)
2.	Name (in block letters) (Surname first) Name of Office	Dr. AYARE BAJRANG LIMBAJI Professor (CAS) College of Agricultural Engineering and Technology, Dapoli, Dr BSKKV, Dapoli, Dist. Ratnagiri, PIN-412712 Email: blayare1967@gmail.com Mobile: 9422382074 / 7769827080
3.	Date of birth (in Figure and words)	01-06-1967 (First June Nineteen Sixty Seven)
4.	Nationality	Indian
5.	Domicile State	Maharashtra

6. Educational Qualification:

Sr. No.	Name of the Exam	University / Board/ Institute	Year of passing	Class	Percentage of Marks / CGPA	Subject of Specialization
1	S.S.C.	Pune	1985	I	60.28	Marathi, Hindi, English, Science, Maths, Social science
2	H.S.C.	Pune	1987	I	64.17	Marathi, English, Bio., Science, Maths
3	B.Tech	MPKV, Rahuri	1991	II	69.9 (2.67/4.0)	Agril. Engineering
4	M.Tech.	I.I.T. Kharagpur	1993	I	77.2 (7.72/10.0)	Water Resources Development and Management
5	Ph.D.(SWCE)	MPUAT, Udaipur	2010	I	78.7 (7.87/10.0)	Soil and Water Conservation Engineering

7. Details of Professional Experience :

Sr. No.	Name and address of Employer	Post held and pay scale	Nature of duties	Period		yr	Months
				From	To		
1.	Jain Irrigation Systems Ltd., Jalgaon	Design Engineer Rs 3000 per month	Survey, design marketing and Installation of Drip & Sprinkler Irrigation systems	1.3.1993	30.12.1995	2	10
2.	Plastro Irrigation Systems (I) Ltd., Pune	Project Engineer Rs 7000 per month	Survey, design marketing and Installation of Drip & Sprinkler Irrigation systems	1.1.1996	7.10.1996	--	9
3.	Asstt. Prof. (Agril. Engg.)	College of Agriculture, Dapoli 8000-275-13500	Teaching, Research and Extension Education to B.Sc. (Agri./ Hort./For.)	8.10.1996	30.11.2003	7	2
4.	Asstt. Prof. (SWCE)	College of Agril. Engineering & Technology, Dapoli 8000-275-13500	Teaching, Research and Extension Education to B.Tech. (Agril. Engg.)	1.12.2003	1.6.2005	1	6
5.	Associate Prof. (SWCE)	College of Agriculture, Dapoli 37400-9000-67500	Teaching, Research and Extension Education to B.Sc. (Agri./ Hort./For.)	2.6.2005	23.6.2008	3	--
6.	Associate Prof. (SWCE)	College of Agril. Engineering & Technology, Dapoli	Teaching, Research and Extension to B.Tech. (Agril. Engg.), M.Tech. (SWCE)	24.6.2008	8.2.2009	--	7
7.	Asso.Prof. (Sr.Agril. Engineer)	AICRP on Irrigation Water Management, Dr.BSKKV, Dapoli	Research, Training, Extension and Teaching	9-2-2009	31.5.2017	8	4
8.	Asso.Prof. (SWCE)	College of Agril. Engineering & Technology, Dapoli	Teaching, Research and Extension to B.Tech. (Agril. Engg.), M.Tech. and Ph.D.	1.6.2017	Till date	4	
Total Experience =						28 years	

8. (1) Contribution to educational innovation, design of new course curricula and courses and technology and mediated teaching- learning process :

- i) I have been personally involved in the Design of New Course Curriculum during the year 2017-18 i.e. 5th Deans committee syllabus.
- ii) Prepared the lesson plans of following course : SWCE-232, SWCE-233, SWCE-244, SWCE-355, SWCE-366, ELE SWCE-481, ELE SWCE-482
- iii) Prepared the Experiential Learning module : SWCE GAE-475-1 and SWCE GAE-475-2 (Details Enclosed)
- iv) I am using E- Learning Portal on Agril. Education, Designed by Agriculture Education Division of ICAR, New Delhi.
- v) I am also taking the help of NPTEL online courses- A Project Funded by MHRD, Govt. of India.

8(2) Experience of guiding post graduate students as per Statute 41 : Details enclosed

Table 1: List of M.Tech.(Agril.Engg.) students guided

Sr No.	Reg. No. ENDPM-	Name of Student	Year of passing	Name of guide
1.	2013/75	Mr Swapnil Ajay Kothe	2015	Dr B.L.Ayare
2.	2016/100	Mr Bandgar Nitin Namdev	2018	Dr B.L.Ayare
3.	2017/125	Ms. Khot Sonal Bhagat	2019	Dr B.L.Ayare
4.	2019/165	Ms Dara Roha Blessy	2019	Dr B.L.Ayare
5.	2019/167	Ms kale Suvarna Sunil	2019	Dr B.L.Ayare
6	2018/32	Ms Salunkhe Sanjni Sunil, Ph.D	2018	Dr B.L.Ayare

9. Evidence of published research papers in recognized journals having NAAS rating : 24 papers

Table 2. List of Research Published in NAAS Journals

Sr. No.	Name of Authors	Name of Article	Date of Publication	Name of Publication	ISBN / ISSN No.
1.	M. S. Mane, B. L. Ayare, S. K. Jain	Studies on Crop Production Functions for different crops	2007	New Agriculturist	0971-0647
2.	M. S. Mane, B. L. Ayare, D. S. Kubal	Development of rainfall intensity nomograph for Dapoli of Konkan Region, Maharashtra	June, 2007	International Journal of Agri. Science	0971-130x
3.	M. S. Mane, U. V. Mahadkar, B. L. Ayare & T. N. Thorat	Performance evaluation of soil conservation measures in cashew plantation grown on steep slopes of Konkan.	Dec. 2009	Indian Journal of Soil Conservation	0970-3349
4.	S. T. Patil, M. S.	Effect of irrigation methods on	2009	Jour. of Soil	0971-2836

	Mane, Ayare B. L.	yield and water requirement on summer groundnut		and Crops	
5.	M.S.Mane, S.K.Jagap, U.S.Kadam and B.L.Ayare	Effect of different levels of drip irrigation system coupled with various mulches on growth and yield of cucumber (<i>Cucumis sativus L.</i>)	2009	Journal of Indian society of Coastal agril.Research	0972-1584
6.	B. L. Ayare , M. S. Mane, Arun Sharma and J. H. Dekale	Optimum cropping pattern in command area	April, 2010	International Journal of Agril. Engg.	0974-2662
7.	M. S. Mane, B. L. Ayare , R.R.Mhatre and S.M.Bal	Development of rainfall intensity nomograph for Muldhe of South Konkan region of Maharashtra	2011	Journal of Indian society of Coastal agril.Research, Vol.29, No.2	0972-1584
8.	B. L. Ayare , M. S. Mane and R. T. Thokal	Performance evaluation of different types of emitters in coastal areas	October, 2012	Journal of Engineering Technology in India	0976-1268
9.	B. L. Ayare , R. T. Thokal M. S. Mane, T.N.Thorat and D.J.Dabke	Effect of micro-irrigation system on growth and yield of green Chilli in lateritic soils of Konkan region of Maharashtra	2012	Journal of Indian society of Coastal agril.Research, Vol.30, No.1	0972-1584
10.	G.G. Kadam, M.S. Mane, S.T.Patil and B.L.Ayare	Response of White Onion to deficit irrigation under micro-irrigation in Konkan region of Maharashtra	2012	Journal of Indian society of Coastal agril.Research, Vol.30, No.2	0972-1584
11.	B. L. Ayare , M. S. Mane, S.T.Patil and S.S.Chavan	Development of rainfall intensity frequency duration relationship for Wakawali of Konkan region of Maharashtra	2012	Journal of Indian society of Coastal agril.Research, Vol.30, No.2	0972-1584
12.	B.L. Ayare R.T.Thokal and T.N.Thorat	Effect of plant spacing, irrigation and fertigation levels on growth and yield of Brinjal under Drip irrigation system in lateritic soils of Konkan region of Maharashtra	2013	Journal of Indian Society of Coastal Agril. Research, Vol.31, No.1	0972-1584
13.	S.R.Ugade, B.L.Ayare , T.N.Thorat and R.T.Thokal	Effect of irrigation and fertigation levels on yield and nutrient uptake of brinjal (<i>Solanum melonngena L.</i>)	2014	<i>International Journal of Agril. Engg., Vol-7, No-1</i>	0974-2662
14.	M.S.Mane,	Response of Cucumber crop	June,	Journal of Soil	0971-

	S.K.Jagtap, B.L.Ayare and R.T.Thokal	(<i>Cucumissativas L.</i>) to drip irrigation system under various mulches	2014	and Crops	2836
15.	V.V. Deshmukh, H.N.Bhange, P.B. Rajankar, B.L.Ayare	Estimation of Soil erosion from Watershed using Remote sensing and GIS	Nov. 2014	International Journal of Engg. Innovation and Res. Vol.3	02277- 5668
16.	V.V. Deshmukh, H.N.Bhange, P.B. Rajankar, B.L.Ayare	Estimation of runoff from Watershed using Remote sensing and GIS	Nov. 2014	International Journal of Engg. Innovation and Res. Vol.3	02277- 5668
17.	P.M.Ingle, S.E. Shinde, M.S. Mane, R. T. Thokal and B.L.Ayare	Performance Evaluation of Minor Irrigation Scheme	2015	Research Journal of Recent Sciences	2277- 2502
18.	P.M.Ingle, S.E. Shinde, M.S. Mane, R. T. Thokal and B.L.Ayare	Optimal cropping for sustainable water use in Canal command area.	2015	Research Journal of Recent Sciences	2277- 2502
19.	B.L.Ayare and B.S. Dhekale	Multiplicative Seasonal ARIMA modeling of monthly stream flow of Chority river	2015	<i>International Journal of agril. Engg. Vol-8, No-1</i>	0976- 72233
20.	Devis Sibale, Mane, M.S., Patil, S.T., Ayare, B.L. and Desai, V.S.	Effect of mulching and Irrigation levels on soil temp., soil moisture and yield of drip Irrigated Cualiflower	2015	Journal of Indian Society of Coastal Agril. Research,	ISSN 0971- 2836
21.	Devis Sibale, Mane, M.S., Patil, S.T., Ayare, B.L. and Desai, V.S.	Effect of Irrigation levels and mulching on growth, yield, water use efficiency and economic return of Drip Irrigated Cualiflower	Dec. 2016	Journal of Soil and crops. Vol.26(2):261- 267	ISSN 0971- 2836
22.	Ayare, B.L and Thokal R.T.	Performance Evaluation of Gravity fed inline drip Irrigation system.	2018	International Journal of Agril Engg.	0974- 2662
23.	S.K.Kothe, B.L. Ayare , H.N.Bhange and S.T.Patil	Rainfall Runoff prediction based on Artificial Neuron Network: a case study of Priyadarshini Watershed.	2019	International Journal of Current Microbiology and Applied sciences	2319- 7706
24.	S.K.Kothe, B.L. Ayare , H.N.Bhange and S.T.Patil	Performance of ANN for Rainfall Runoff prediction	April- 2019	International Journal of Agril. Engineering, Vol.12	0974- 2662
25.	SS Salunkhe, B.L. Ayare , HN Bhange Rt Thokal, JS Dhekale and SB Nandgude	Study of physical properties of soils from mango orchards of Ratnagiri district of Konkan region	2021	The Pharama Innovation Journal	2277-7695
26	D R pari H N	Determination of	2021	The Pharama	2277-

	Bhange, B L Ayare, P Ingle and M.H Tharkar	Geoorphological characteristic of Asond Watershed using Remote sensing and GIS		Innovation Journal	7695
27.	R R Surve, H N Bhange, B L Ayare, P.M.Ingle, and P R Kolhe	Site selection of water harvesting structure in Tetawali Watershed using Remote sensing and GIS	2022	The Pharama Innovation Journal	2277-7695

10. The candidate should submit score card of Academic Performance Indicator of Category I and Category II for the period from 2016-17 to 2020-2021 onwards: The API Score cards from the 2016-17 to 2020-2021 has been enclosed.

ACADEMIC PERFORMANCE INDICATORS : Year 2016-17 to 2020-21

Sr. No.	Nature of Activity	Score Obtained year wise					Remarks given by IQAC
		2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	
1.	Teaching-learning Evaluation Related Activities (Category-I)	78	120	125	115	125	Nil
2.	Co-curricular Extension and profession related activities (Category-II)	40	34	45	45	42	Nil
3.	Minimum total average annual score under Category-I and II	118	154	170	160	167	Nil
4.	Research and Academic contribution (Category-III)	1352	1461	1576	1681	1802	