

**\*\*One Page Profile\*\***

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**\*\*Name:\*\*** Dr. Shivaji Trimbakrao Sangle

**\*\*Date of Birth:\*\*** 07/10/1956

**\*\*Unique ID:\*\*** [Enter Unique ID Here]

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**\*\*Educational Qualification:\*\***

- B.Sc. in Mathematics, Marathwada University, Year 1978
- M.A. in Economics, Marathwada University, 1980
- M.Phil. in Economics, Marathwada University],1984
- Ph.D. in Economics, Dr. Babasaheb Ambedkar Marathwada University, 1997
- D.Litt University of South America, Monte Video, USA 2017
- PG Diploma, National Environment Academy, New Delhi, 1999

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**\*\*Work Experience:\*\***

<b>Sr. No.</b>	<b>Post Held</b>	<b>Institution/ University</b>	<b>Experience</b>
1	Member (Economics) Principal Secretary Status	Maharashtra Water Resources Regulatory Authority (MWRRA), GoM, Mumbai (M.S.), India.	03 Years
2	Principal	Indraraj Arts, Commerce and Science College, Sillod, Dist. Aurangabad (M.S.), India.	01 Year and 03 Months
3	Professor	Department of Economics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S), India.	10 Years and 10 Months
4	Professor and Head	Department of Economics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S), India.	1 Year 2 months and 3 Years
5	Finance and Accounts Officer	Dr. BAMU, Aurangabad (M.S), India	5 Years

6	Registrar	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S), India	5 Months
7	Director	Research Centre on Rural problems, Dr. BAMU, Aurangabad (M.S), India	5 Years and 10 months
8	Reader	Department of Economics, Dr. BAMU, Aurangabad (M.S), India.	8 Years
9	Director of Students Welfare	Dr. BAMU, Aurangabad (M.S), India.	2 Years and 4 months
10	Reader and Head	Dr. BAMU, Aurangabad (M.S), India.	9 months
11	Assistant Professor (Economic and Statistics)	Water and Land Management Institute (WALMI), Aurangabad (M.S), India.	14 Years and 5 Months
12	Lecturer (Economics)	Vasantrao Naik Jr. College, Aurangabad. (M.S.), India	1 Years and 10 Months
13	Lecturer (Economics)	Yeshwant College, Nanded (M.S.), India	10 Months

### ADMINISTRATIVE EXPERIENCE

Sr. No.	Post Held	Institution/ University	Experience
1	Member (Economics) Principal Secretary Status	Maharashtra Water Resources Regulatory Authority (MWRRA), Government of Maharashtra, Mumbai (M.S.), India.	3 Years
2	Principal	Indraraj Arts, Commerce and Science College, Sillod, Dist. Aurangabad (M.S.), India.	1 Year and 03 Months
3	Professor and Head	Department of Economics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S), India.	4 Years and 02 months
4	Finance and Accounts Officer	Dr. BAMU, Aurangabad (M.S), India	5 Years

5	Registrar	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S), India	5 Months
6	Director	Research Centre on Rural Problems, Dr. BAMU, Aurangabad (M.S), India	5 Years and 10 months
7	Director of Student of Welfare	Dr. BAMU, Aurangabad (M.S), India.	2 Years and 4 months
8	Reader and Head	Dr. BAMU, Aurangabad (M.S), India.	9 months

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**\*\*Area of Specialization:\*\*** [Enter Area of Specialization Here]

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**\*\*Courses Taught:\*\***

1. [Course Title]
2. [Course Title]
3. [Course Title]
4. [Course Title]
5. [Course Title]

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**\*\*Research Guidance:\*\***

- **\*\*Ph.D. Students Supervised:\*\*** 27
- **\*\*Masters Students Supervised:\*\*** 24

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**\*\*Number of Papers Published:\*\*** 60 research papers

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**\*\*Ph.D.:\*\*** [Number of Ph.D. Students Supervised]-27

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**\*\*Projects Carried Out:\*\***

**RESEARCH STUDIES AND RESEARCH PROJECTS**

Sr. No.	Title of the Project	Project Duration		Amount (Rs. In lacs)	Funding Agency
		From	To		
01.	Post project socio-economic survey of Kanher Irrigation Project, Dist. Satara. (Co-investigator).	1995	1996	1.82	Command area Development Authority (CADA), Pune (M.S.)
02.	Post project socio-economic survey of Dhom Irrigation Project, Dist. Satara. (Co-investigator).	1995	1996	2.32	Command area Development Authority (CADA), Pune (M.S.)
03.	Evaluation of farmers training courses conducted in the Command area of Jayakwadi Irrigation Project by CADA, Aurangabad. (Co-investigator).	1996	1999	--	Command area Development Authority (CADA), Aurangabad (MS)
04.	Cost support to cooperative water user's societies, analyzing the management expenditure of the societies. (Co-investigator).	1996	1998	--	Water and Land Management Institute, Aurangabad (MS)
05.	Performance evaluation of water user's cooperative societies of Maharashtra. (Co-investigator).	1995	1999	2.59	Indian National Committee on Irrigation and Drainage (INCID), Ministry of Water Resources, GOI, New Delhi.
06.	An evaluation of the participatory irrigation water management in Maharashtra State. (Principal Investigator).	2009	2011	5.32	University Grants Commission, New Delhi.
07.	UGC Special Assistance Programme (DRS-I) (DY. Coordinator). (Coordinator).	2007 2007 2008	2012 2008 2012	24.00	University Grants Commission, New Delhi.
08.	UGC Special Assistance Programme (DRS-II) (Coordinator)	2013 2013	2018 2016	60.00	University Grants Commission, New Delhi.

09.	Centre with Potential for Excellence in Particular Area. (CPEPA) (Chief Coordinator).	2016 2016	2021 2016	250.00	University Grants Commission, New Delhi.
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**\*\*Patents:\*\*** [Number]

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**\*\*Technology Transfer:\*\*** [Number of Technologies Transferred]

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**\*\*Research Publications:\*\***

**PUBLICATIONS IN INTERNATIONAL JOURNALS**

<b>Sr. No.</b>	<b>Title and Authors</b>	<b>Name of Journal</b>	<b>Month and Year of publication</b>
1.	Performance Evaluation of WUCS with respect to crop pattern-A case study. (S.G. Bhogale, V. P Purandare, S.T. Sangle)	Water and Energy for 21 <sup>st</sup> Century, Centre Board of Irrigation and Power, New Delhi. Vol. 02, Pp.695-706.	January, 2003
2.	Industrialization and Economic Development (Vision Aurangabad-2020) (Dr. Shivaji Sangle and Sandeep Gaikwad)	International Journal of Management and Economics, vol.1, No 3. Pp. 57-62 Chetan Publication, Aurangabad ISSN 2231-487	January, 2012
3.	Enhancing Profitability Through Efficient Supply Chain Management in Fast Moving Consumer Goods Industry in Indian Context (Dr. S. T. Sangle and Mr. Ramchandra Une)	Reshaping Management and Economic Thinking through Integrating Eco-Friendly and Ethical Practices, Faculty of Management and Finance, University of Ruhuna, Sri Lanka. Pp.365-372	February, 2014
4.	Case Studies of Innovative Irrigation Management Techniques (Bhalge Pradeep, B. B. Jadia and Dr. S. T. Sangle)	Science Direct, International Journal Aquatic Procedia, by Elsevier Volume 4, Pp. 1197-1202 ISSN 2214-241X.	April, 2015
5.	Agriculture towards Food Security in India	International online Journal Review of Research, Special Issue on Food	January,

- (Dr. S. T. Sangle and Mr. P. V. Salve) Security, Policy and Indian Economy. 2015  
Pp.120-124, ISSN:2249-89X,
6. Importance of food security in India International online Journal of Review Research, Special Issue on Food Security, Policy and Indian Economy. January, 2015  
(Mr. Sanjaykumar S. Phad and Dr. S. T. Sangle) Pp. 111-116, ISSN: 2249-89X.
7. Impact of the Jayakwadi Irrigation Project on Agricultural and Rural Development (M.S.) India June, 2016  
(Dr. S. T. Sangle) Dynamic Research Society, An International Interdisciplinary Journal, (P) Volume-01 Issue-01  
ISSN: 2455-4979
8. Climate Change: Water and Food Security December, 2016  
(Dr. S. T. Sangle & Dr. P. V. Salve) Dynamic Research Society, An International Interdisciplinary Journal, (P) Volume-03 Issue-03  
ISSN: 2455-4979
9. Role of Water Users Association in Management, Operation and Maintenance of Irrigation Systems in India November, 2016  
(Dr. S. T. Sangle) International Commission on Irrigations and Drainage (ICID), 2<sup>nd</sup> World Irrigation Forum (WIF2), Chiang Mai, Thailand, Full Length Papers, No. W.1.3.11  
(online publication)
10. Agricultural Water Management Systems in the Khandesh Region of Maharashtra State, India November, 2016  
(Dr. S. T. Sangle) International Commission on Irrigations and Drainage (ICID), 2<sup>nd</sup> World Irrigation Forum (WIF2)Chiang Mai, Thailand, Full Length Papers, No. W.2.4.06  
(online publication)
11. Food Security and Eradication of Poverty Through Small Scale Inland Fisheries in India. November, 2016  
(Dr. S.T. Sangle and Dr. Richa Bagla ) International Commission on Irrigations and Drainage (ICID), 2<sup>nd</sup> World Irrigation Forum (WIF2), Chiang Mai, Thailand, Full Length Papers, No. W.3.3.01  
(online publication)
12. Mobilization and Allocation of Financial Resources for Development of Irrigation and Drainage Projects in India. November, 2016  
(Dr. S. T. Sangle) International Commission on Irrigations and Drainage (ICID), 2<sup>nd</sup> World Irrigation Forum (WIF2), Chiang Mai, Thailand, Full Length, Papers, No. W.3.2.04  
(online publication)
13. A Study on Agricultural Crisis in India December, 2018.  
(Dr. P. V. Salve and Dr. S. T. Sangle) International Journal of Research and Analytical Review  
Vol. 5, Issue 4, Page No. 1470-1482  
E-ISSN 2348-1269  
P-ISSN 2349-5138

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|-----|---|---|-------------------------------|
| 14. | Agriculture Sector in India:<br>Performance and Challenges<br>(Dr. P. V. Salve and<br>Dr. S. T. Sangle)         | Peer Reviewed International Referred<br>Research Journal, Vidyawarta<br>Page No. 21-27, ISSN: 2319-9318                                     | January,<br>2019              |
| 15. | Performance of Agriculture to<br>Sustain Food Security in India<br>(Dr. P. V. Salve and<br>Dr. S. T. Sangle)    | Ajantha an International<br>Multidisciplinary Quarterly Research<br>Journal, Vol. VII, Issue VI,<br>Page No. 65-72, ISSN No. 2277-5730      | October-<br>December,<br>2018 |
| 16. | Agricultural Performance and<br>Rural Migration in India<br>(Dr. P. V. Salve and<br>Dr. S. T. Sangle)           | International Journal of Scientific<br>Research and Engineering<br>Development, Vol. 3, Issue 1,<br>ISSN 2581-7571                          | Jan-Feb,<br>2020              |
| 17. | Farmers' Suicide and its<br>Causes in Marathwada<br>Region<br>(Dr. P. V. Salve and Dr. S. T.<br>Sangle)         | Journal of information and<br>Computational Science (JOICS),<br>UGC- Care Group-II Certified Journal<br>Vol. 10, Issue 2,<br>ISSN 1548-7741 | 2020                          |
| 18. | Water Resources<br>Development in Maharashtra<br>(Dr. P. V. Salve and<br>Dr. S. T. Sangle)                      | Gurukul International<br>Multidisciplinary Research Journal,<br>Issue IV, Vol. VIII, Pg.35-41,<br>ISSN No.2394-8426,                        | December,<br>2019             |
| 19. | Ground water Management in<br>Godavari Basin<br>(Er.S. A. Nagre, Dr. S. T.<br>Sangle and Dr. A. V.<br>Tejankar) | International Journal for Research in<br>Engineering Application management,<br>Issue -10, Vol-05, Pg. No. 129-135,<br>ISSN 2454-9150       | January,<br>2020              |
| 20. | Interlinking of Rivers in<br>Maharashtra<br>(Er.S. A. Nagre, Dr. S. T.<br>Sangle and Dr. A. V.<br>Tejankar)     | International Journal for Research in<br>Engineering, Issue 10, Vol. 8<br>Pg. No. 11-17,<br>ISSN 2321-775                                   | Jan-Feb,<br>2020              |
| 21. | Drought Management<br>(Er.S. A. Nagre, Dr. S. T.<br>Sangle and Dr. A. V.<br>Tejankar)                           | International Journal of Science and<br>Engineering Development,<br>Issue-2, Vol-5, Pg. No. 336-339,<br>ISSN 2455-2631                      | February,<br>2020             |
| 22. | Flood Management<br>(Er.S. A. Nagre, Dr. S. T.<br>Sangle and Dr. A. V.<br>Tejankar)                             | International Journal for Research in<br>Applied Science and Engineering<br>Technology, Issue-2, Vol-8,<br>Pg.No.293-297, ISSN 2321-9653    | February,<br>2020             |

23.	Volumetric Bulk Water Pricing System in Maharashtra, India (Dr. Shivaji Sangle and Vinod Kumar Tiwari)	XIV World Aqua Congress International Conference Edition 2020, Aqua Foundation Proceedings Book Pg.292-305 (online publication)	October, 2020
24.	Transfer of Water from Surplus to Deficit Basins in Maharashtra State (Er.S. A. Nagre, Dr. S. T. Sangle and Dr. A. V. Tejankar)	XIV World Aqua Congress International Conference Edition 2020 Aqua Foundation Proceedings Book, Pg.274-283 (online publication)	October, 2020
25.	Historical Water Sustainability: A case study of the Phad irrigation system of Maharashtra (Dr. Shivaji Sangle and Mr. K.P.Bakshi)	Historical Water Sustainability, Third World Irrigation Forum International Commission on Irrigation and Drainage (ICID) (online publication)	September, 2019
26.	Implementation of Integrated State Water Plan With Equitable Water Distribution in Maharashtra State (S.A.Nagare, Dr. S.T. Sangle and Dr. A.V.Tejankar)	London Journal Press, London Journal of Engineering Research. Vol. 20, Issue 5, Pg. 27-39, ISSN 2631-8482	November, 2020

#### PUBLICATIONS IN NATIONAL JOURNALS

Sr. No.	Title	Name of Journal/ publisher	Date of publication
1.	Economic sensitivity analysis of Jayakwadi irrigation project (Marathi) (Dr. Shivaji T. Sangle)	Arthobodh, Marathwada Economic Association, Aurangabad (M.S.) Part 3, Vol.3. Pp 27-38	March, 1998
2.	Irrigation development in India. (Dr. S. T. Sangle)	Issues in Indian Development Edited by Dr. R.S. Solunke, Kailash Publication, Aurangabad. Pp.162-178.	April, 2000
3.	Irrigation Impact on Employment Generation for Landless Labours (Dr. S. T. Sangle)	Fighting Poverty and Unemployment, Phadke Prakashan, Kolhapur, Pp.180-186	April, 2002
4.	Environmental impact of irrigation project. (Dr. S. T. Sangle)	Current issues on environment biodiversity, Population and Health Edited by Khedkar G.D. and S P Zambre, Department of Zoology, Dr.BAMU, A'bad Pp.45-53.	2003



5. WTO and Indian Dairy Sector  
(Vijay Kumar Chole and Dr. S. T. Sangle) WTO and Indian Economy, Edited by Dr. A. B. Deogirikar, Shree Niwas Publication, Jaipur. Pp.35-47  
ISBN 81-88730-08-4 2004
6. Irrigation Development in Marathwada region and water policy (Marathi)  
(Dr. S.T. Sangle) Arthbodh, Part 1, Vol-12, Pp.25-35, Marathwada Economic Association Aurangabad. February 2007
7. Special Economic Zone (SEZ) policies and consequences in Indian economy.(Dr. S. T. Sangle and Mr. U. S. Ware) Globalization and foreign direct investment in India, Edited by Sarwade W.K and F.N Gouri, Asian Printer Publishars, Aurangadad. Pp.87-92. February, 2007
8. Irrigation Development in Marathwada Region  
(Dr. S. T. Sangle and Dr. S. S. Narwade) Regional Development: Issues and Concern Edited by Dr. S.T Sangle and Dr. V.B. Bhise, Chinmaya Prakashan, Aurangabad. Pp 5-12. February, 2010
9. Trends of FDI in Non-Life Insurance Sector in India.  
(Sanjaykumar S. Phad and Dr. S. T. Sangle) "Impact of FDI on Economic Development of India".  
Sinhgad College of Commerce, Kondhwa (BK.), Pune-411048 (M.S.), India. Pp.77-82,  
ISBN-978-81-923324-1-3 February, 2015
10. A Study on Availability of Water and Its Uses in India  
(Mr. Prakash V. Salve and Dr. S. T. Sangle) Implication of Water Scarcity on Agriculture Industry and Employment , Department of Economics, Changu Kana Thakur Arts, Commerces and Science Collage, New Panvel. Pp.110-115,  
IBSN-978-93-83342. March, 2015
11. Shirpur Water Conservation Pattern A Solution to Agriculture Water Problems of Arid and Semi-Arid Regions  
(Mr. D. P.Chate, Mr. S. P. Phad , Dr. S. T. Sangle) Implication of Water Scarcity on Agriculture Industry and Employment Department of Economics, Changu Kana Thakur Arts, Commerces and Science Collage, New Panvel. Pp.206-214,  
IBSN-978-93-83342. March, 2015
12. Water Management: Vanishing Wisdom  
(Pradeep Bhalge and S. T. Sangle) INDIAN ECONOMY: VIEWS AND VISION Edited by L.D.Vaikunthe, Y.V.Jugale and S.S.Shejal, Serial Publications, Pvt. Ltd. New Delhi (India), Pp. 264-271,  
ISBN 978-81-8387-740-4. January, 2016

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|-----|---|--|---------------|
| 13. | An Analytic Study of Irrigation Development in India<br>(S. T. Sangle and Mr. Prakash.V. Salve)   | INDIAN ECONOMY: VIEWS AND VISION Edited by L.D.Vaikunthe, Y.V.Jugale and S.S.Shejal, Serial Publications, Pvt. Ltd. New Delhi (India), Pp. 358-368, ISBN-978-81-8387-740-4   | January, 2016 |
| 14. | Finance of Local Bodies in India: An Overview<br>(Sanjaykumar P. Phad and S. T. Sangle)   | INDIAN ECONOMY: VIEWS AND VISION Edited by L.D.Vaikunthe, Y.V.Jugale and S.S.Shejal, Serial Publications, Pvt. Ltd. New Delhi (India), Pp.370-386, ISBN-978-81-8387-740-4  | January, 2016 |
| 15. | Supply Chain Management: A Function for Organization's Profitability.<br>(S. T. Sangle and Ramchandra Une)  | INDIAN ECONOMY: VIEWS AND VISION Edited by L.D.Vaikunthe, Y.V.Jugale and S.S.Shejal, Serial Publications, Pvt. Ltd. New Delhi (India), Pp. 456-470, ISBN-978-81-8387-740-4   | January, 2016 |
| 16. | Ideal Village Scheme Way Towards Rural Development Through Watershed Development : A Case Study of Hiware Bazar<br>(Mr. Shejul S. P., Dr. S. T. Sangle, and Mr.Chate D. P.) | Water conservation, Water Economy and Crop Pattern: Role of Farmers, Public Representatives and Government: Issues and Concerns. Publisher The Indian Institute of Public Administration, Local Branch Aurangabad. (M.S.). Pp.28-33, ISBN-978-81-931984-2-1. | August, 2016  |
| 17. | Impact of Vaidyanath Water Conservation Pattern on Agriculture and Rural Development: A Case Study of Kauthali Village<br>(Mr. Chate D. P. and Dr. S. T. Sangle)            | Water conservation, Water Economy and Crop Pattern: Role of Farmers, Public Representatives and Government: Issues and Concerns. Published by Indian Institute of Public Administration, Aurangabad. (M.S.). Pp.38-43, ISBN-978-81-931984-2-1.               | August, 2016  |

**\*\*Number of Books Published: \*\* [Number]**

I am joint author of 06 books published by the publishers and Water and Land Management Institute (WALMI), Aurangabad (M.S.). One book is on "Participatory Irrigation Management in India" and another edited book is on "Regional Development: Issues and Concerns". Four books are published by WALMI as study materials for trainee officers working in irrigation water management pertaining to Statistical Techniques, Training Techniques, and Economics for Irrigation Water Management. I was also Chief Editor of students' magazine, "Parivartan"

(in Marathi) of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.). Details of the publication of books and magazines are given in the Table no. 13 and 14 respectively.

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