BIODATA

A. Name : DR. KHAMBE SUHASRAO DNYANDEO

B. Birth Date : 3rd Sept. 1963

C. Nationality: Indian

D. Address: Panchavati Apartment, Flat 306,307, City Highschool road

Gaonbhag, Sangli 416 416. Phone. (0233) 2331781

Mobile 9822054418. Email: sdkhambe1963@gmail.com

E. Qualification

H.S.C. - Poona Divisional Board - 1978

• B.Sc.(Micro) - Shivaji University - 1981

• M.Sc.(Micro) - University of Poona - 1986

• Ph.D.(Micro) - Shivaji University - 1994

• AGMARK approved analyst - 1996

 F.D.A. approved analyst for microbiological- 1999 Testing & quality control

Recognised by Shivaji University, Kolhapur- 2003
 As Post-Graduate Teacher in Microbiology

Member District Environmental Committee - 2003 & 2004

 Recognised as Research Guide in Microbiology for Ph.D. By Shivaji University, Kolhapur. -2007
 One Ph.D. student awarded the Degree from Shivaji University, Research work of one student is in progress.

 Member Board of Studies, Microbiology, Shivaji University Kolhapur. (2010-2015)

F. Membership:

- 1. A member of Association of Microbiologist **India**, (AMI).
- 2. A active member of Marathi Vidnyan Mahasangha, Pune.
- 3. A member of World Wide Fund for Nature.
- 4. A member of Association of Food Scientists and Technologists, India
- 5. A life member and Secretary of Marathi Vidnyan Prabodini, Sangli 1987
- 6. Member of W.W.F. (India)
- 7. Life member, Nisarga Mitra Sanstha, Sangli
- 8. Member Rashtriya Bal Vidnyan Parishad, New Delhi.
- 9. Founder Member, Vrukshaveli ani Paryavaran Sanrakshan Sanstha, Sangli.
- 10. Member, Institute of Health & Vocational Education, Miraj.
- 11. Member Sangli District Environmental Committee.
- 12. Member Mahatma Phule Library, Sangli
- 13. Life Member Microbiologists Society
- 14. Board Member, Nature Foundation, Sangli



G. Previous Appointments:

- 1. As a Blood Bank Technician at Shirgaonkar Blood Bank, Sangli
- 2. As a Lab Technician at a Shobhana Pathological Laboratory, Sangli.
- 3. As a Cane Analyser at Shetkari Sahakari Sakhar Karkhana Ltd., Sangli.
- 4. As a Research Assistant at Maharashtra Association for Cultivation in Science, (M.A.C.S.) Pune (present name Agharkar Research Institute)from 9th Aug 82 to 31st September,1983.
- 5. As a Lab-Incharge at Water and Waste Water Research Centre, Pune from October 1983 to June 1984.
- 6. As a Scientific Officer at Environmental Protection Research Foundation, Sangli from June 1986 to March 1993.
- 7. Partner Computer Training and Service centre "SUYASH COMPUTERS" in partnership with Mrs. Shubhangi Suresh Ranade 1989 to 1993.
- 7. As Chief Development Officer at Environmental Protection Research Foundation, Sangli from March 1993 to October 1995.
- 8. ASSOCIATE PROFESSOR, DEPARTMENT OF MICROBIOLOGY, AT MIRAJ MAHAVIDYALAY, MIRAJ. Since August, 1996. (Up to 2016 work as Head of Department) up to 2017.
- 9. Director Nikhil Analytical & Research Pvt. Ltd., From 14/06/2012
- 10. Director CISTED (Centre for Innovation in Science, Techno;ogy and Entrepreneurship

H. Consultancy Appointments :

- 1. Working as Microbiological Consultant for various Food processing industries and & Pharmaceutical laboratories.
- 2. As a Hon Director, Food, Feed, Water, Soil, Fuel and Fertilizer testing and Environmental monitoring Laboratory at Sangli "Nikhil Analytical & Research Laboratory" from October, 1995
- Consultancy work for microbiological quality control of liquid glucose and pollution control at M/S Sahyadri Starch and Industries Pvt. Ltd., MIDC Miraj. since 1995
- 4. As Environmental Consultant for 4 foundries, 6 Sugar factories, and 15 other units.
- 5. Prepared feasibility report for textile mills, dairies, raisin processing units, house hold waste water etc for Effluent Treatment Plant in Sangli, Kolhapur, Satara, Solapur, Pune, Jalgaon, Hydrabad and Nagar districts, Sangli, Jaysingpur and Ichalkaranji.
- 6. Worked as a consultant for Common Effluent Treatment Plant at MIDC, Miraj-Kupad, Sangli and M/S Akiwate Industrial Estate, Jaysingpur.
- 7. AGMARK grading work of ground spices, edible oil, jaggary, for Thirty packers.
- 8. Quality Analysis of different food samples.
- 9. Prepared feasibility report for Earthworm Composting for textile mill waste, slaughter house waste, domestic waste, hotel waste etc..
- 10. Prepared and demonstrated Solid Waste Treatment by Vermicomposting to Sangli, Miraj Kupwad Municipal Corporation, Sangli.

I. Research:

- 1. Successfully completed the Project on "Quality of Drinking water and incidence of intestinal diseases in rural area". Project funded by CASTFORD (DST).
- 2. Successfully completed detailed study of bacteriological and chemical characteristics of water from various overhead tanks of several apartments at Pune. This project was sponsored by Marathi Vidnyan Parishad, Pune.
- 3. M.Sc. dissertation on "Microbial Degradation of Cyanide".
- 4. Treatability studies for waste water emanating from Industrial Estate, Sugar Factory, Distillery, Textile mills, Electro- plating Industry, Pulp and Paper Mill
- 5. Completed five research projects funded by Department of Environment and One project funded by Dept. of Science and Technology, Govt. of India.
- 6. Successfully completed a research project on "Aerobic Composting of Spentwash and it's Environmental Impact Assessment".(DOEn)
- 7. Carried out Environmental Impact Assessment studies of sugar factories, pulp and paper mills and sulfuric acid plant. (Total 28 units)
- 8. Worked for Ph.D. Degree on the subject of "Role of microorganisms in the treatment of spentwash through aerobic composting" under the guidance of Dr. P.L. Patil.
- 9. Production of Plant Growth Hormones from Natural Products.
- 10. Production of Biofertilisers, biopesticides and microbial cultures for special purpose.
- 11. Development of low cost vermicompost plant design
- 12. Development of low cost rain water harvesting system
- 13. Developments in methods for Biodiesel production from Jatropha
- 14. Developed Low cost water purification system by ozonisation treatment.
- 15. Special bioculture for root zone development of crop
- 16. Treatment of chromium waste and recovery of metal.
- 17. Production of Biosurfactant from algae
- 18. Study of draught resistant active strains of Azotobacter.

J. Research Projects Handled

- 1. Characterisation studies of "Sugar factory effluent treatment". Rs. 50,000/-
- 2. Flocculation studies on treated pulp and paper mill effluent. Rs. 20,000/-
- 3. Colour removal of anaerobically treated spentwash. Rs. 10,000/-
- 4. Studies on anaerobic digestion using plastic media for spentwash treatment and methane gas recovery. Rs. 4 lacs by MoEF.
- 5. Spentwash composting by aerobic process. Rs. 3.8 lacs MoEF
- 6. Secondary treatment of distillery effluent.
- 7. Anaerobic digestion of black liquor.
- 8. Effect of spentwash compost on growth development and yield of different crops DST. Rs. 3.00 lacs.
- 9. Effect of solids concentration on anaerobic digestion methane gas production.
- 10. Methane gas recovery- Pilot Plant. DoEN Rs. 4 lacs
- 11. Upliftment of environmental conditions and waste land development in three selected villages around Sangli.DST Rs. 2.5 lacs

- 12. Studied pollution level in River Krishna, Bhogawati, Panchaganga and Warna.
- 13. Acetic acid production from spentwash. Rs. 10000/-
- 14. Control of aseptic conditions in Biscuit industry.
- 15. Minimum Inhibition Concentrations of some compounds used in Sugar industry for mill sanitation.
- 16. Microbial decomposition and earthworm compost from agricultural trash and kitchen waste.
- 17. Completed minor research project on "Development and commercial production of bio-pesticide for odour removal and household pest control" funded by UGC. Rs. 60000/-

K. Seminars/ Conferences attended:

Attended more than 30 seminars Training Programs and conferences. Participated And presented research papers in 4 international conferences. Organised 10 seminars on different subjects

L. Other:

- 1. Organised 13 training programs for industrial technologists on the topic of environmental quality analysis.
- 2. Given more than 50 popular lectures on various subjects on All India Radio.
- 3. Taken 20 lectures on environmental subjects at Institute of Environmental Sciences, Sangli.
- 4. Prepared 10 research projects on the topic of Environment.
- 5. Well conversant with Computer Languages, Development of software and Data processing.
- 6. During my working so far, responsible for Research activities in the projects funded by DNES, DST, DOEn and Private organisations. I was also responsible for activities of institute like scientific research, training programs, seminars, workshops, conferences, meetings etc.
- 7. Taken major active role in organising "Akhil Bharatirya Marathi Vidnyan Sanmelan-1993" at Sakharale.
- 8. Participated in Vidnyan jatha, Vidnyan mela, Environmental awareness campaigns etc.
- 9. Developed lesson plans for teachers of 5th to 9th std. on the subject of environmental protection awareness among children.
- 10. Organised Science Teacher's Workshop for discussion on the new syllabus of 9th and 10th Std. for Science and Mathematics.
- 11. Organised Science and Environmental exhibitions of Posters, working Models etc.
- 12. Given various lectures on Food analysis, Prevention of food adultration, GrahakSaunrakshan etc.in colleges and high schools.

M. PUBLICATIONS/ EDITED:

- 1. Laboratory Manual on Environmental Quality Analysis. 1991
- 2. Souvenir of Akhil Bharatiya Marathi Vidnyan Sanmelan-1993.
- 3. Edited book "Nisarga Santulan Ani Sheti".

- 4. Souvenir of Environmental Protection Research Foundation, Sangli for the year 1994.
- 5. Lesson plans for teachers of 5th to 9th Std. on subject of Environmental Protection Awareness among Children.
- 6. Published: A Book in Marathi "Water Elixir of Life"
- 7. Worked as co-author of study books for B.Sc I, II and II of Shivaji University.
- 8. Published book on Environmental Quality Monitoring
- 9. Prepared and published a booklet in Marathi on "The Medicinal Plants in our environment

N. PAPERS PUBLISHED/PRESENTED:

- 1. **Khambe, S.D.**, B.S. Rao and P.L. Patil. (1990). "Aerobic composting of spentwash. Proc. VIII Southern **Regional** Conferance on Microbial inoculants", held at Pune. on 5-6 Feb. pp. 65-67.
- 2. **Khambe, S.D.**, S.S. Salunkhe, Miss S.D. Khambe, B. Subbarao. (1992). "Spentwash composting and it's environmental impact assessment study". Proc. **National** seminar on Organic farming held at Pune, on 18-19 April. pp. 29-31.
- 3. Rao, B.S., S.V. Ranade, J.M. Gadgil and **S.D. Khambe** 1989. Aerobic composting of spentwash. Paper presented at **National** Symp. on treatment options, Sugar-distillery-Paper allied waste waters, held at IIT, Pawai, Bombay, pp. 15-20.
- 4. Rao, B. S., S. V. Ranade, J. M. Gadgil, **S. D. Khambe** and B. P. Patil. (1990). "Performance evaluation of spentwash composting using forced aeration". Proc. 40th DSTA Annl. Conv., held at Pune, on 8-10 Sept. pp. B79-B93.
- 5. Rao, B.S., S.V.Ranade, J.M. Gadgil and **S.D. Khambe** (1993). Innovative method of waste recycling in agrobased industries with a case study of sugar industry. Proc. 42nd DSTA Annl. Conv., held at Pune, on 6-8 Sept. pp.1-6.
- Rao, B.S. and S.D. Khambe. (1994). Wealth From Waste Fertilizer from spentwash. Paper presented at International workshop on "Transfer of Environmental Friendly Technologies" held at APCTT, New Delhi, during 6-14th April, 1994.
- 7. **Khambe S.D.** (1998). Historical development of composting process for liquid waste. Selected topics in biotechnology. Pama Publications. 1st Edn pp. 54-69.
- 8. **Khambe S.D.**, A.M. Deshmukh & M.V. Kulkarni (1998), Vermicomposting of kitchen waste a case study. Bio-fertilizers and Bio-pesticides, Technoscience publ., 1st Edn pp. 200-203
- 9. **Khambe S.D.** (1998). Role of Micro-organisms in the treatment of spentwash through aerobic composting". Paper presented at **International** Conference on Environment and Agriculture, Nov. 1-3, 1998 at Kathmandu, Nepal.
- 10. **Khambe S.D.** (2001), CO₂ evolution, O₂ Consumption and Respiratory Quotient of spentwash composting by different microorganisms. Environmental pollution and Management of Waste waters by Microbial Techniques, ABD Publ. 1st Edn. Pp. 174-180.
- 11. Bamane S.R. & **S.D. Khambe** (2003) Effect of Pesticides used for Grape Crop on Soil Enzymes and Micro-organisms. J. Micro. World 5(1), pp. 23-30 ISSN-0972-1487.

- 12. Bamane S.R. & **S.D. Khambe** (2003), Studies of Trace Metals in traffic soils for Sangli Region., J. of Industrial Pollution Control, , Vol. 19(1) pp. 89-96, I.S.S.N 0970-2083
- 13. **Khambe S.D.,** S.R. Bamane (2003), "Waste Reduction at Source and Organic Waste Treatment from Hotels by Vermicomposting" Emerging Biotechnological Methods in Industrial Waste Management; Proceedings of National Workshop pp. 67-74.
- 14. **Khambe S.D.,** S.R. Bamane (2003), "Organic Waste Treatment from Hotels through Vermicomposting", J. of Industrial Pollution Control, 19(2) pp. 289-294 I.S.S.N 0970-2083.
- 15. Bamane S.R., C.A. Shinde and **S.D. Khambe** (2003), "Vermiculture Biotechnology, Expert System for Hotel Waste Management" Paper presented at 23rd annual session of the Academy of Environmental Biology and national Symposium on "Recent trends in Biology and Biotechnology" Proceedings pp. 251.
- 16. Bamane S.R., P.K. Pawar and **Khambe S.D.** (2004), "Vermiculture Biotechnology". An expert system for Hotel Waste management, India. J. Environ. & Ecoplan 8(1) pp. 193-196.
- 17. **Khambe S.D.**, (2008), "Treatment of waste water from corn starch industry" Presented at **national** seminar on Advances in pollution treatment technology orgnised by DR. BAMU, Aurangabad on 26th & 27th Feb, 2008.
- 18. Ghodake V.P., S.A. Patil, P.P. Pattekari, P.A. Dhumal and **S.D. Khambe** (2008), "Detection and optimization of Indole Acetic Acid (IAA) production from *Rhizobium mililoti*. Asian Jr. of Microbiol. Bitech. Env. Sc. Vol 10 No(1):2008:147-150.
- 19. **Khambe S.D.** (2010) "Use of accelerated vermitechnology for household solid waste treatment"; Presented a research paper in **International** Conference at Bangkok (Thialand) organised by Dnyandeep Research Foundation in collaboration with Shivaji University on 23rd to 30th Jan 2010.
- 20. **Khambe S.D.** (2010) "Hotel waste management by biocomposting" Paper presented in **International** Conference at Dubai. 16th to 24th Jan, 2011.
- 21. H.V.Deshmukh, R.R.Kumbhar, **Khambe S.D.** (2012), "Screening Of Some Common Road Side And Social Forestry plants for their potential of biogas production" Paper presented in Indo-Bhutan International Seminar Proceedings Advances in Environmental Sciences (AES 2012) 11-12 May, 2012 in Bhutan.
- 22. **Khambe S.D.** (2012) "Use of plastic media over stone media as biofilter for waste water treatment" Paper presented at **international** conference on "Sustainable water resource development and management" organized by Department of Environmental Science, Shivaji University, Kolhapur on 20th Dec., 2012...
- 23. **Khambe S.D.** (2013), "Biomethination of continuous process distillery waste (spentwash) by continuous stirring digester. Paper presented at **National** seminar on recent advances in life science" organized by Kasturbai Walchand College, Sangli on 3rd Jan., 2013.
- 24. Jangam P.V. **Khambe S.D.** (2013), "Development of Bioherbicide for weeds of *Convolvulaceae* family Presented paper by poster in **National** seminar on Importance of applied microbiology for globe protection organized by Yashwantrao Chavan Institute of Science, Satara.on 11th &12th Jan., 13.
- 25. Pardeshi (Sonar), **Khambe S.D.**, Gaikwad S.B. (2013) "Rainwater harvesting A case Study" A paper presented in **State** level seminar on Water Conservation in

- drought prone area in Maharashtra organized by R.R. College, Sawalaj on 24th Jan. 2013.
- 26. **Khambe S.D**. (2013) "Consultancy services, Methodical accreditation by NAAC " paper presented at the national conference Role of Research Consultancy & Extension in Higher education state level Conference, organized by Padmabhushan Dr. Vasantdada Patil Mahavidyalay, Tasgaon.
- 27. **Khambe S.D.,** (2014) "Bio-future" Paper presented at National Conference in Recent advanced techniques in applied microbiology at Karad
- 28. **Khambe S.D**. (2014) "Advances in Agriculture Microbiology" presented a paper in UGC sponsored State level conference titled Recent advanced techniques in applied microbiology at Rajaram College, Kolhapur.
- 29. **Khambe S.D. (2014)** "Individual building scale Residential Household Building, Sangli a case study" City Decentralised Wastewater Treatment and Reuse Publ. by Centre for Science and Environment, New Delhi.
- 30. Londhe M.A., **Khambe S.D.**, Govindwar S.P. (2014) "Isolation, Preliminary Screening and Process Optimization for Production of Surface Active Agent from Chlorella Pyrenoidosa by Non-Disruptive Method International Journal of Science Research Volume: 3, Issue: 6, June 2014 ISSN No 2277 8179
- 31. Londhe M.A., **Khambe S.D.**, Govindwar S.P. (2015), "Structural Characterization of Glycolipid Synthesized from *Chlorella Pyrenoidosa* NCIM 2738 by FT-IR and GC-MS and Its Effect on Fungal Spore Germination" The international Journal of Science & Technology, ISSN 2321-919X. Impact factor 1.002 International July, 2015 Vol. 3, Issue 7 pp. 39-42 ICV 75.46 (Index Copernicus Value).

O. FEASIBILITY REPORTS, OPERATION & MAINTENANCE FOR ETP:

- 1. Biscuit production plant
- 2. Chocolate production plant
- 3. Common Effluent treatment plant of industrial estate & MIDC.
- 4. Dairy industry
- 5. Distillery
- 6. Engineering units
- 7. Glucose production unit
- 8. Hospital Waste Management
- 9. Oil Extraction industry
- 10. Pharmaceutical units
- 11. Starch Industry
- 12. Sugar factory
- 13. Sulphuric acid production units
- 14. Textile mills
- 15. Hotels, Hospitals, Households, Housing complex, Apartments.

All E.T.P. plants scientifically based on the characterization and treatability studies with low budget and no energy (Gravity flow) including detailed engineering and drawings.

P. ENVIRONMENTAL AUDITING

- 1. Sugar Industry
- 2. Distillery
- 3. Acetic anhydride

- 4. Acetone
- 5. Sulphuric acid plant
- 6. Phosphate fertiliser plant
- 7. Pulp and Paper mill
- 8. Starch and Liquid glucose industry
- 9. Co-generation / Thermal power plant
- 10. Textile industry
- 11. Confectionary industry
- 12. Pharmaceutical industry
- 13. Foundry
- 14. Textile

Q. ENVIRONMENTAL CLEARANCE OBTAINED FROM GOVT. FOR:

- 1. Sugar factory 3 Nos.
- 2. Co-generation project 12.5 MW, 16 MW, 15 MW, 22MW.
- 3. Pulp & Paper Mill 4 No.
- 4. Expansion of Sugar Factory 4 No.
- 5. Foundry 2 No.
- 6. Expansion of Sugar factory from 10000 TCD to 18000 TCD, cogeneration from 44 MW To 62 MW & distillery from 75 KLPD to 150KLPD (Project in hand)

R. ENVIRONMENTAL STATEMENT REPORTS:

Prepared and submitted 9 Environmental Statement Reports of Sangli-Miraj-Kupwad Municipal corporation from 2003 every year.

Prepared and submitted ESR of 20 industries every year since 2001.

S. CITY SANITATION PLAN:

Prepared and submitted to central government the city sanitation plan of Sangli-Miraj-Kupwad Municipal corporation for the budgetary provision of Rs. 856 crores.

T. ENVIRONMENTAL IMPAT ASSESSMENT REPORTS PEPARED:

Sr.	Name of Industry	Project Name	Year
1.	Rahuri Pulp & Paper Mill Ltd, Shri	25 TPD Kraft Paper	1988
	Shivajinagar, Rahuri, Ahamadnagar		
2.	Nath Pulp & Paper Mills Ltd, Nathnagar,	40 TPD-100 TPD Kraft Paper	1990
	Tal. Paithan, Dist. Aurangabaad		
3.	Bhogawati Sahakari Suta Girani Ltd,	Sulfuric Acid 100 TPD,	1990
	Washi, Dist. Kolhapur.	SSP 200 TPD	
4.	Rajaram S.S.K, Islampur.	Distillery Modernization 75 KLPD	1994
5.	Vasantdada Shetkari S.S.K. Ltd, Sangli.	12.5 MW Co-gen	1999
6.	Rajarambapu Patil S.S.K. Ltd, Wategaon,	16 MW Co-gen Project	2000
	Tal. Walwa, Dist. Sangli.		
7.	Mohan S.S.K. Ltd, Mhaisal.	New 2500 TCD Sugar Factory	2000
8.	Mahadik Sugar, Kolhapur.	Expansion of 2500 to 5000 TCD	2001
9.	Bansi Pulp & Paper Mills Pvt. Ltd, Samdoli	Expansion of 20 TPD to 30 TPD	2002
	Kasabe Digraj, Tal. Miraj, Dist. Sangli.		

Sangli. 11. Rajarambapu Patil S.S.K, Ltd, Wategaon, Tal. Walwa, Dist. Sangli. 12. Shri Tatyasaheb Kore Warana S.S.K. Ltd, Warananagar, Tal. Panhala, Dist. Kolhapur. 13. Ghatage Patil Industries Pvt. Ltd, Uchagaon, Kolhapur. 14. Sonhira S.S.K. Ltd, Mohanraonagar, Wangi, Tal. Kadegaon, Dist. Sangli. 15. Shri Gurudatta Sugars Ltd, Takliwadi, Tal. Shirol, Dist. Kolhapur. 16. Wakurde Lift Irrigation Scheme, Peth Colony, Islampur, Dist. Sangli. 17. Vishwasrao Naik S.S.K. Ltd, Yashwantnagar, Tal. Shirala, Dist. Sangli. 18. Sinewave Biomass Power Pvt. Ltd, Kolhapur. 19. Biltube Industries (Plant II) Gat No. 1172 to 1178, Kodoli, Tal. Panhala, Dist. Kolhapur. 20. Tulsi Casting & Machining Ltd, Sangli. 21. Udigiri Sugars & Power Ltd, Bamani, Tal. Khanapur, Dist. Sangli. 22. Kranti S.S.K. Ltd, Kundal, Tal. Palus, Dist. Sangli. 23. Monomer Chemical Pvt. Ltd, (Unit II), Ambarnath, Dist. Thane. 24. Roha Dyechem Pvt. Ltd, Dhatav, Tal. Belgaum, Dist. Belgaum. 26. Ugar Sugars Ltd, Ugar Khurd, Tal. Belgaum. 27. Expansion of Sugar Factory from 2012 (2012 (2012 (2012 (2013 (2014 (201		awanta S.S.K. Ltd, Khanpur, Dist.	Distillery 30 KLPD	2002
11. Rajarambapu Patil S.S.K, Ltd, Wategaon, Tal. Walwa, Dist. Sangli. Expansion of 1000 TCD Sugar Factory to 5000 TCD 2002 12. Shri Tatyasaheb Kore Warana S.S.K. Ltd, Warananagar, Tal. Panhala, Dist. Kolhapur. Expansion of 4000 TCD Sugar Factory to 5000 TCD 2004 13. Ghatage Patil Industries Pvt. Ltd, Uchagaon, Kolhapur. Expansion of 1500 MTM Foundry to 5000 MTM. 2006 14. Sonhira S.S.K. Ltd, Mohanraonagar, Wangi, Tal. Kadegaon, Dist. Sangli. Expansion of 1500 MTM Foundry to 5000 MTM. 2008 15. Shri Gurudatta Sugars Ltd, Takliwadi, Tal. Shirol, Dist. Kolhapur. 15 MW Co-gen Project 2008 16. Wakurde Lift Irrigation Scheme, Peth Colony, Islampur, Dist. Sangli. Distillery 30 KLPD to 50 KLPD 2008 17. Vishwasrao Naik S.S.K. Ltd, Yashwantnagar, Tal. Shirala, Dist. Sangli. Distillery 30 KLPD to 50 KLPD 2008 18. Sinewave Biomass Power Pvt. Ltd, Kolhapur. Core Board (4000MTM) & Cone Board (1500MTM) & Cone Board (1500MTM) & Cone Board (1500MTM) Self Power Generation (6MW) Plant 2010 20. Tulsi Casting & Machining Ltd, Sangli. Expansion of Castings from 1500 MTM to 3500 MTM 2010 21. Udigiri Sugars & Power Ltd, Bamani, Tal. Khanapur, Dist. Sangli. Expansion of Sugar Factory from 2500 TCD to 4000 TCD, Co-gen 14 MW to 19.70 MW 2011			Distillery 30 KEF D	2002
Tal. Walwa, Dist. Sangli. Sugarcane to 2500 TCD Shri Tatyasaheb Kore Warana S.S.K. Ltd, Warananagar, Tal. Panhala, Dist. Kolhapur. 13. Ghatage Patil Industries Pvt. Ltd, Uchagaon, Kolhapur. 14. Sonhira S.S.K. Ltd, Mohanraonagar, Wangi, Tal. Kadegaon, Dist. Sangli. 15. Shri Gurudatta Sugars Ltd, Takliwadi, Tal. Shirol, Dist. Kolhapur. 16. Wakurde Lift Irrigation Scheme, Peth Colony, Islampur, Dist. Sangli. 17. Vishwasrao Naik S.S.K. Ltd, Yakliwadi, Dist. Sangli. 18. Sinewave Biomass Power Pvt. Ltd, Kolhapur. 19. Biltube Industries (Plant II) Gat No. 1172 to 1178, Kodoli, Tal. Panhala, Dist. Kolhapur. 20. Tulsi Casting & Machining Ltd, Sangli. 21. Udigiri Sugars & Power Ltd, Bamani, Tal. Khanapur, Dist. Sangli. 22. Kranti S.S.K. Ltd, Kundal, Tal. Palus, Dist. Sangli. 23. Monomer Chemical Pvt. Ltd, (Unit II), Ambarnath, Dist. Thane. 24. Roha Dyechem Pvt. Ltd, Onatav, Tal. Roha, Dist, Raigad. 25. Merck Ltd, Goa. Expansion of 4000 TCD Sugar Factory from 2012 Expansion of 2000 TCD to 4000 TCD, Cogen 14 MW to 19.70 MW 26. Wershamath, Dist. Thane. 27. Moromer Chemical Pvt. Ltd, (Unit II), Ambarnath, Dist. Thane. 28. Merck Ltd, Goa. Expansion capacity 123 MTM Expansion of Sugar Factory from 2012 Expansion of Sugar Factory from 2011 Expansion of Sugar Factory from 2012 Expan			Expansion of 1000 TCD	2002
12. Shri Tatyasaheb Kore Warana S.S.K. Ltd, Warananagar, Tal. Panhala, Dist. Kolhapur. 13. Ghatage Patil Industries Pvt. Ltd, Uchagaon, Kolhapur. 14. Sonhira S.S.K. Ltd, Mohanraonagar, Wangi, Tal. Kadegaon, Dist. Sangli. 15. Shri Gurudatta Sugars Ltd, Takliwadi, Tal. Shirol, Dist. Kolhapur. 16. Wakurde Lift Irrigation Scheme, Peth Colony, Islampur, Dist. Sangli. 17. Vishwasrao Naik S.S.K. Ltd, Yashwantnagar, Tal. Shirala, Dist. Sangli. 18. Sinewave Biomass Power Pvt. Ltd, Kolhapur. 19. Biltube Industries (Plant II) Gat No. 1172 to 1178, Kodoli, Tal. Panhala, Dist. Kolhapur. 20. Tulsi Casting & Machining Ltd, Sangli. 21. Udigiri Sugars & Power Ltd, Bamani, Tal. Khanapur, Dist. Sangli. 22. Kranti S.S.K. Ltd, Kundal, Tal. Palus, Dist. Sangli. 23. Monomer Chemical Pvt. Ltd, (Unit II), Ambarnath, Dist. Thane. 24. Roha Dyechem Pvt. Ltd, Dhatav, Tal. Belgaum, Dist. Belgaum. 26. Ugar Sugars Ltd., Ugar Khurd, Tal. Belgaum, Dist. Belgaum. 27. Kolhapur. 28. Shri Tatyasahek Kore Warana S.S.K. Ltd, Expansion of 1500 MTM foot TCD South The Sugar Sugar Sangli. 29. Expansion of Castings from 1500 MTM to 3500 MTM 21. Udigiri Sugars & Power Ltd, Bamani, Tal. Khanapur, Dist. Sangli. 29. Kranti S.S.K. Ltd, Kundal, Tal. Palus, Dist. Sangli. 20. Tulsi Casting & Machining Ltd, Sangli. 20. Expansion of Sugar Factory from 2500 TCD to 4000 TCD, Co-gen 14 MW to 19.70 MW 20. Tulsi Casting Sangli. 20. Expansion capacity 123 MTM 20. Expansion of Sugar Factory from 2000 TCD, Co-gen 14 MW to 62 MW, Distillery 75 KLPD to 150 KLPD.	_		-	
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