

'Curriculum Vitae'

- 1. Name** : Dr. Satish Sudhakar Rao Patil
M.Sc., Ph.D. (Env. Sci.)
Director, BCUD, Dr. B. A. M. University, Aurangabad.
Director, Central Facility for Advanced Research & Training (CFART), Dr. B. A. M. University, Aurangabad.
Professor
Department of Environmental Science,
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad – 431004 (MS) INDIA.
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- 2. Present Status** : **Director**, Board of Colleges & Universities Development, Dr. B. A. M. University, Aurangabad.
Director, Central Facility for Advanced Research & Training (CFART), Dr. B. A. M. University, Aurangabad.
Professor, Dept. of Environmental Science, Dr. B. A. M. University, Aurangabad.
Coordinator, Science & Technology Park, Dr. B. A. M. University, Aurangabad.
- 3. Address (Residence)** : A5, Row Bungalow Jabinda Residency, Devanagri, Shahnour wadi, Aurangabad – 431001.
- 4. Date of birth** : February 22, 1967
- 5. Category** : Open
- 6. Nationality** : Indian
- 7. Marital Status** : Married
- 8. Academic Qualifications** : M.Sc. Environmental Science (1989)
Ph.D. (1994)
- 9. Teaching & Research Experience** : 25 Years

10. Position held & Recognition by an Academic Organization

Sr. No.	Position	Name of the University College Institution	Duration
1.	Director	Board of Colleges & Universities Development, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	July 11 th , 2016 till today
2.	Chairman	Adhoc board of Environmental Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	Aug 2006-2008
3.	President	Dr. Babasaheb Ambedkar Marathwada University Teachers Association, Aurangabad.	2013-14.
4.	Advisor	ECOCERT - France (Govt. Approved organic certification Agency) for South Asian countries.	-
5.	Head of Department	Department of Environmental Science, Dr. B. A. M. University, Aurangabad	2006-08
6.	Professor	Department of Environmental Science, Dr. B. A. M. University, Aurangabad	June 1996 till today
7.	Director	Central Facility for Advanced Research & Training, Dr. B. A. M. University, Aurangabad.	10 th July 2015 till today
8.	Co-ordinator	Science & Technology Park, Dr. B. A. M. University, Aurangabad.	June 2016 till today
9.	Co-ordinator	National Science Day, Dr. B. A. M. University, Aurangabad.	2014-15 & 2015-16.
10.	Member	Action Plan 2020 and vision 2020 of Maharashtra Pollution Control Board, Forest Department and Wild life department of Govt. Of Maharashtra for Aurangabad division.	-
11.	Executive Member	"Environmental Research Foundation" Aurangabad.	-

12.	Fellow member	International Congress of Chemistry and Environment, (FICCE) Indore.	-
13.	Fellow Member	Indian Association of Aquatic Biologists (IAAB), Hyderabad.	-
14.	Life Member	Indian Society for Comparative Animal Physiology (ISCAP), Tirupati.	-
15.	Life Member	Indian Journal of Environment and Eco-planning, Dumka.	-
16.	Joint Secretary	Indian Society for Comparative Animal Physiology form	1999-2001
17.	Chairman	Board of Examinations in Environmental Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	-
18.	Member	Adhoc Board of Environmental science, SRT University, Nanded.	-
19.	Member	Adhoc Board Dr. Babasaheb Ambedkar Marathwada University	2011-2013
20.	Member	Board of studies in Environmental Science in Gulbarga University, Gulbarga, (Karnataka).	-
21.	Member	Board of studies in Environmental Science in Kuvaumpu University, Shimoga, (Karnataka).	-
22.	Member	Internal Subject Expert on RRC of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	2012-2017
23.	Director	Dr. Babasaheb Ambedkar Marathwada University Teachers Credit Co-operative Society, Aurangabad	2010-2015
24.	Coordinator	Fresh Water Field Station at Paithan	-

11. Other Additional Information of relevance

- Filed Patent on “Ecological Sanitation approach in a constructed wetland using angular horizontal subsurface flow and angular horizontal zigzag flow pilot plant novel models” in 2015.
- Nomination of DBT Representative in the institutional bio-safety committee in the R & D Centers at the Institutions / Universities / Industries/ any other organization involving genetic manipulation of genetic materials, microorganisms, plants or Animals for three years by Ministry of Science and Technology, Department of Biotechnology Govt. of India from 1st April 2009 to 31st March 2012.
- Delivering environmental awareness and environmental educational lectures in school, colleges and different Universities in all over the Maharashtra as a subject expert.
- Carried out preliminary studies and benchmark survey on bio-monitoring and management of Godavari river water for sustainable utilization.
- Carried out preliminary studies on water quality of Kham river and benchmark survey for the treatment and disposal of domestic sewage of Aurangabad city through cleaning of river by using eco-technologies like green bridge and green lake technologies.
- Delivered a lecture on 15/10/2013 as resource person in the Refresher course in Environmental Science organized by the UGC Academic Staff College, University of Pune at the Padmashri Vikhe Patil College Pravaranagar during 3rd to 23rd October 2013.
- Delivered two lectures on 27th January, 2014 to the participants of 101st Orientation course programme as resource person.
- Delivered two lectures on 4th February 2014 to the participants of 102nd Orientation course programme as resource person.
- Delivered lectures to the participants of Pre-Ph.D course in Zoology as a Resource person (Delivered 02 lectures on 13/08/2014)
- Delivered an invited talk in the International Conference on “Biotechnology and Bioengineering” organized by Microbiologist Society, India Dr. Babasaheb Ambedkar Marathwada University, Aurangabad & Birla Institute of Technology & Science, Pilani, Dubai Campus (U.A.E) During 29th -30 October 2014.
- Chaired a session and Delivered and an invited talk in the International Conference on Biotechnology and Bioengineering” Organized by Microbiologist Society, India Dr. Babasaheb Ambedkar Marathwada University, Aurangabad & Birla Institute of Technology & Science, Pilani, Dubai Campus (U.A.E) During 29th -30 October 2014.
- National symposium on Environmental issues and strategies for sustainable development 23-25 January, 1998. (Academic Co-coordinator)
- National Seminar on Environmental awareness and natural resources conservation 25-27 December, 1998. (Academic Co-coordinator)

- 20th Annual Conference of Indian Society for comparative animal physiology and symposium on environment and human health. 28-30 January, 1998 (Organizing Secretary).
- Seminar on Paryavaran Saunrakshan and prashikshan. 12th March, 2003 (Organizing Secretary)
- National Conference on Emerging pollutants: Impact on Health, Agriculture and Environment. 29 – 31 January 2004 (Organizing Secretary).
- Workshop on “Hazardous waste management – A priority issue” 28 & 29th March, 2007 (Convener).
- National Conference on “Advances in Pollution Control Technology” 26th and 27th February 2008. (Convener)
- Seminar on “Carrier opportunities in Environmental Science”. 31st July 2011. (Convener).
- National Conference on “Industrial Waste water Reuse, Recycle and Zero Discharge”. 5th & 6th March 2012. (Convener).
- 15th Refresher course in Environmental Science conducted by UGC- Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from 1-12-2006 to 22-12-2006 as Course Coordinator
- 1st Refresher course in Environmental Science conducted by UGC- Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from 6-3-2008 to 26-3-2008 as Course Coordinator
- Refresher course in Environmental Studies conducted by UGC- Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from 08-08-2011 to 28-08-2011 as Course Coordinator
- Worked as a Custodian and CAS Officer in the CAS Centre of Dr. B.A.M. University, Aurangabad.
- Involved for the inauguration of Marine research laboratory of Dr. B.A.M. University, Aurangabad at Ratnagiri.
- Work as coordinator for 03 refresher courses in Environmental Science.
- Worked as a member of the annual report committee for the year 2001-2002 of Dr. B.A.M. University, Aurangabad.
- Visited U.G.C. office Delhi for the official work in connection with submission and approval of the building proposals from the commission under 9th plan scheme in 2002.
- Working as a member of Department Committee.
- Working as a member of Department Purchase Committee.
- Working as Examiner for Theory and Practical at M. Sc. level.
- Involved actively in the NAAC Program and U.G.C. visit to Department of Environmental Science, Dr. B.A.M. University, Aurangabad.

- Accompanying for the students excursion program since 1996.
- Worked as a member of Local Enquiry Committee on several colleges
- Worked as selection committee member as a subject expert in KSK College Beed, S. B. Science college and Deogiri college of Dr. B. A. M. university & SRT university Nanded.
- Worked as affiliation committee member for several colleges.
- Worked as a Member of Golden Jubilee celebration committee of Dr. B. A. M. University, Aurangabad.
- Worked as a Member of Development Grant Utilization Committee in 2007.
- Worked as presiding Officer in Assembly and Parliamentary election of Aurangabad district.
- Worked as a steering committee Member in Avhan camp organized by University from 9th to 20th June, 2009.

Teaching Experience

Sr. No.	Courses Taught	Name of the University College Institution	Duration
1.	Under – Graduate (B.A./B.Sc./B.com etc. pass) (B.A./B.Sc./B.com etc. Hons.)	Nutan Mahavidyalaya, Sailu, District Parbhani	15 th June 1991 to 14 th June 1993
2.	Post Graduate (M.A. / M.Sc. / M.Com etc.)	P.V.P. College Pravaranagar	1 st September 1993 to 14 th June 1996
		Department of Environmental Science, Dr.B.A.M.University, Aurangabad.	15 th June, 1996 till today
3.	Any other	Guiding for Ph.D. Students	Since 1999

12. Research Projects Completed/Ongoing

Title of the Project	Name of the Funding Agency	Amount/ Duration	Remarks
1. Base levels of Mercury, Cadmium and lead in fresh water bivalve molluscs, <i>Lamellidens corrianus</i> (Lee) from Nandrabad swamp near Aurangabad City.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	60,000/- 2 years	Minor Research Project Completed In 1999.
2. Water quality assessment of Salim Ali Lake near Delhi Gate, Aurangabad.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	40,000/- 1 year	Minor Research Project Completed In March 2000.
3. Water quality assessment of lentic areas in the vicinity of Aurangabad city.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	1,00,000/- 1 year	Minor Research Project Completed In March 2002.
4. Impact of heavy metals on the fresh water bivalve molluscs, <i>Lamellidens corrianus</i> (Lee) from Nandrabad swamp near Aurangabad city.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	1,00,000/- 2 years	Minor Research Project Completed In March 2002.
5. Faunal diversity of mangroves on the coast of Maharashtra with specific reference to their biotic potential	Ministry of Environment and Forest, New Delhi	1,88,000/- 2 year	Major Research Project completed in April 2003.
6. Diversity of bivalve molluscan fauna in the lotic and lentic environment of Aurangabad district with specific reference to their biotic potential.	University Grants Commission, New Delhi	4,58,000/- 3 years	Major Research Project completed in December 2007

7. Impact of Urbanization on Avian fauna of Salim Ali Lake at Aurangabad.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	60,000/- 2 years	Minor Research Project Completed-2009
8. Ecosustainability Assessment of Godavari River Water for Sustainable Utilization.	University Grants Commission, New Delhi	7,58,000/- 3 years	Major Research Project Completed-2012
9. Assessment of Bird Sanctuary at Jaikwadi Dam with reference to Galpera Fishing.	Irrigation Department Gov. of Maharashtra.	15,00,000/- 2 years	Major Research Project. (On going)
10. Environmental Status Report (ESR) of Aurangabad Corporation Area.	Aurangabad Municipal Corporation	7,50,000/- 6 Months	Consultancy Project (On going)
11. Ecology and Biodiversity Studies of Jaikwadi Dam for parallel water supply scheme of AMC. Collaboration with ERFEA	Aurangabad Municipal Corporation	16.5 lakhs	Consultancy Project Completed 2015
12. Assessment of Ecology and Biodiversity studies of Jaikwadi dam in the proposed construction site of Jackwell, pump house and RCC approach bridge for centralized water supply scheme of MIDC, Aurangabad. Collaboration with ERFEA	Maharashtra Industrial Development Corporation (MIDC) Aurangabad.	18.5 lakhs	Consultancy Project Completed 2015

13. Particulars of Research Guidance

Name of the Student / Date of Registration	Research Topic	Remark / Date of Declaration
1. Mr. Auti R. G. July-2001	“Seasonal variations in the water characteristic and macro faunal distribution in Salim Ali Lake near Delhi gate, Aurangabad.”	Awarded Ph.D. degree in June 2003
2. Mr. Patwari J.M. July-2000	“Water and soil characteristics of a pond at Nandrabad on the habitat of bivalve <i>Lamellidens corrianus</i> .”	Awarded Ph.D. degree in June/05/2003
3. Miss. Zadpide K.A.	“Heavy metal level and their detoxication mechanism in bivalve molluscs from Maharashtra state.”	Awarded Ph.D. degree in August/02/2003
4. Mr. G.M. Pondhe July-2003	“Impact of Agrobases industries on the groundwater quality of Sonai area, Dist. Ahmednagar.”	Awarded Ph.D. degree in February /27/2006
5. Miss. Inamdar V.B. July-2000	“Environmental life cycle assessment of cereal crops under chemical and organic production systems.”	Awarded Ph.D. degree in January/23/2007
6. Mr. Shinde S.B. July-2003	“Diversity of fresh water bivalve molluscan fauna from Aurangabad district with reference to their biotic potential”	Awarded Ph.D. degree in December/11/2008
7. Mr. Dahiwalé B.J. July-2004	“Diversity of benthic macro invertebrates with respect to hydro biological characteristics of Sukhna dam near Aurangabad.”	Awarded Ph.D. degree in September/22/2008
8. Mr. R.R. Matkar July-2004	“Eco-sustainability assessment of Godavari river water at Jaikwadi dam	

	supplied to Aurangabad city.”	Awarded Ph.D. degree in January/17/2009
9. Mr. R.G. Machale July -2004	“Impact of agro based industries on the ground water quality of Rajuri area, Dist. Beed.”	Awarded Ph.D. degree in September/06/2010
10. Mr. R.D. Joshi May-2006	“Effect of sugar mill effluent on soil micro flora and ground water quality of Ambejogai area.”	Awarded Ph.D. degree in February/04/2011
11. Mr. D. D. Yardi July -2005	“Eco-sustainability Assessment of Jayakwadi dam with reference to bird sanctuary “	Awarded Ph.D. degree in August/16/2011
12. Mr. K. L. Karkare July-2006	“Disaster management in developed and developing countries.”	Awarded Ph.D. degree in September/30/2012
13.Mr. M.D. Wagh July-2009	“Ground water chemistry of Agro based Industrial area of Deola Dist. Nahik”.	Awarded Ph.D. degree In February/18/2013
14.Mr. V.R. Jadhavar July -2009	“Impact of Chemical Industries on the water quality of Nagothane- Roha Industrial area of Raigad District, Maharashtra”.	Awarded Ph.D. degree In April/02/2013
15.Mr. C.B. Pawar December-2008	“A study of Watershed Development & its Management at Kadegaon, Khanapur & Atatadi Taluka in Sangli District of Maharashtra”.	Awarded Ph.D. degree In June,12/2013
16.Mr. A.S. Hassan	“Ground water quality of Aurangabad	Awarded Ph.D. degree

July -2005	industrial area”	In June/29/2013
17.Mr. I.B. Ghorade July -2011	“Eco-sustainability Assessment of Godavari River Water for Sustainable Utilization	Awarded Ph.D.degree In July 07/2014.
18. Mr. H.D. Gandhe December-2005	“ Impact of urban sewage and industrial effluent on the ground water quality in the vicinity of Ahmednagar city”	Awarded Ph.D.degree In September 12/2014.
19.Miss. M.S. Zagare July -2009	“Environmental Impact Studies on Microbial quality of Dairy Pack Food”.	Awarded Ph.D.degree In October 13/2014.
20. Mr. V.P. Dhulap	“ Studies on the use of constructed wetland for the treatment of wastewater”	Awarded Ph.D.degree
21.Mr.S.V. Lamture July -2012	“Soil Chemistry of irrigated and nonirrigated farmlands of Beed District Maharashtra”	Awarded Ph.D.degree
22.Mr. V.R. Thakur July -2012	“Bio-Monitoring of Godavari river between Kaigaon Toka and Paithan for Wholesomeness of water quality”	Research work is in progress.
23. Mr. S.S. Asgaonkar	“Natural resource management and sustainable rural development of Aurangabad District”	Research work is in progress.
24. Mr. K.P. Dandge	“Remote sensing and GIS Technology for mapping spatial variations of water quality index in Bhokardan area Jalna District Maharashtra State”.	Research work is in progress.
25. Mr. V.P. Patil	“ Treatability studies on distillery spentwash by oxidation processes”	Research work is in progress.
26. Mr. V.R. Potadar	“Studies on Ecological Footprint and carbon sequestration of Aurangabad City in Maharashtra”	Research work is in progress.

14.Area of Interest

- Environmental Impact Assessment (EIA) :

Experts in conducting and carrying out EIAs and Preparation of Environmental Audit and Environmental Management Plan (EMP) other Management Plans having expertizing on predictive techniques and tools use in the EIA process.

- Environmental Quality : Expert in Measurement / Monitoring, Analysis and interpretation data in relation to environmental quality,
- Risk Assessment studies.
- Environmental Pollution Studies,
- Eco-toxicology,
- Water Pollution,
- Environmental Physiology,
- Biodiversity, Air pollution studies, etc.
- Carrying out Environmental Impact Assessment Studies for Industrial complexes, Irrigation projects, Thermal Power Plants, Transportation etc. Since last 15 years.
- Working in the Field of measurement /monitoring, analysis and interpretation of data for Air, water and soil to interpret environmental quality of urban and industrial sectors since last 15 years.
- Carrying out bio diversity studies of flora and fauna with reference to its eco-sustainable use of different water bodies like Jaikwadi dam, Mehrum dam, Sukhna dam, Nandur Madhemeshwar , Ambadi dam , Tembhapuri dam Andhari dam etc. and the rivers like Godavari river , Pravara river, Kham river Girija river, Sukhna river, Khelna river, etc of Maharashtra State since last 10 years.
- Worked on Life Cycle Assessment of Cereal crops like Jawar, Bajara, Wheats and Leguminous crop from Marathwada Region along with ecological footprints and carbon sequestration.
- Carrying out training on ISO 14000 and OSHAS 1800 conducted by CSE and APEDA, New Delhi.
- Carried Benchmark study of Jaikwadi Project (1987-1988).
- Working on Ground water pollution studies due to industrial effluent from MIDC area Nagothana area of Raigad district, MIDC area of Ahmednager & MIDC area of Waluj, Chikalthana, Paithan & Shendra of Aurangabad district since last 6 years.
- Working as a subject expert on Maharashtra pollution control board and Municipal Corporation.
- Delivering environmental awareness and environmental educational lectures in school, colleges and different Universities in all over the Maharashtra as a subject expert.
- Carried out preliminary studies and benchmark survey on bio-monitoring and management of Godavari river water for sustainable utilization.
- Carried out preliminary studies on water quality of Kham river and benchmark survey for the treatment and disposal of domestic sewage of Aurangabad city through cleaning of river by using eco-technologies like green bridge and green lake technologies.

15. Particulars of seminars/conferences/symposia/workshop participated/attended

Names of the Seminars/Conference Symposia, Workshops, etc	Name of the Sponsoring agency	Place and Date
International: 1. Food and Agricultural Organization (FAO) Rome	FAO, Rome.	Italy 3-7, September, 1993.
2. Ozone application in Medicine	International Ozone Association	Zurich, Switzerland. Sept, 1-3, 1994
3. Third European Conference on Ecotoxicology	Fedrich Institute of Toxicology, Zurich	Zurich, Switzerland. Aug 28- 31, 1994
4.Environment, Medical Ethics and Biodiversity	Nagar College, Nagar	Ahmednagar 13-16, January, 1998
5. International Conference on Environmental Agriculture	Ecological Society (ECOS), Kathmandu	Kathmandu, Nepal Nov. 1-3 1998.
6. International Conference on Probing in Biological systems	Institute of Science, Mumbai.	Mumbai 7-11 February, 2000.
7. International Congress of Chemistry and Environment	ICCE-2001, Indore	Indore 16-18 December, 2001.
8. 12 th World Lake Conference (Taal – 2007).	Conservation and management of Salim Ali lake, Aurangabad	28 th Oct. – 2 Nov. 2007
9. III rd World Aqua Congress	Aqua Foundation, New Delhi, India.	New Delhi 2 nd – 4 th Dec.2009

10. Second International River Festival	Narmada Samagra, Bandrabhan, India.	Bandrabhan 21 st – 23 rd March 2010.
11. International Conference on Biotechnology for Better Tomorrow	Dept. Of Microbiology, Dr. B. A. M. university, Sub – campus Osmanabad. M.S. India.	6-7 Feb, 2011
12. Indo-Sri Lanka International Conference on Agro Biotechnology for Sustainable Development	University of Ruhuna, Peradeniya, Colombo, Sri Lanka	Sri Lanka 12-13 March, 2012
13 II nd World Congress for Man & Nature -2012 on Global Change: Impact on Biodiversity, Culture & Technology.	Sevadal Mahila Mahavidyalaya, Nagpur.	Nagpur 3 rd to 5 th November 2012.
National: 1. Symposium on Environmental Risk Assessment and Management	The Academy of Environmental Biology, Jai Research Foundation	Valvada, Gujrat 29-31 December 1988.
2. XI Annual Conference of AISCAP & the AISCAPEI	Department of Zoology, Nagpur University	Nagpur 29-31, January, 1989
3. Symposium on “Environmental Pollutants and Resources of Land and Water.	Annual Session of Academy of Environmental Biology.	Marathwada University, Aurangabad. 21-23 December, 1990
4. Biometric and Computer	Botany Department,	Marathwada

Applications Workshop		University, Aurangabad. 10-11, October, 1992.
5. Seminar on Environmental Threat a feature sustainable life on the earth.	P.V.P. College Pravara Nagar.	Pravara Nagar 20-21, March, 1994
6. Symposium on Eco-Environment Impact and Organism Response	Government Vidharbha Mahavidyalay	Amravati 15-17, October, 1994.
7. National Symposium on Animal and Environment	Dept. of Zoology Dr. B.A.M. University, Aurangabad	Aurangabad 9-11, December, 1994.
8. Workshop on Water quality Assessment	Indian Association of Aquatic Biologists (IIAB)	PravaraNagar 15-16, April, 1995.
9. 11 th Congress of federation of Indian Physiological Society	Department of Zoology Shree Venketaswara University, Tirupati	Tirupati 15-17, September, 1997.
10. Workshop on Environmental Physiology of Aquatic Invertebrates	Department of Zoology, Dr. B.A.M. University, Aurangabad.	Aurangabad 17-19, October, 1997.
11. National Symposium on Environmental Issues and Strategies for Sustainable Development.	Department of Environmental Science, Dr. B.A.M. University, Aurangabad.	Aurangabad 23-25, January, 1998.
12. 68 th Annual session of National Academy of Sciences, India.	Central Drug Research Institute (CDRI) Lucknow.	Lucknow 23-25, October 1998.
13. National Seminar on Environmental Education its design	S. B. Science College, Aurangabad.	Aurangabad 14-15, November

and curriculum		1998.
14. National Seminar on Environmental Awareness and Natural Resource Conservation	Department of Environmental Science, Dr. B.A.M. University, Aurangabad.	Aurangabad. 25-27, December, 1998
15. National Seminar on Environmental Awareness and Natural Resources Conservation	Department of Environmental Science, Dr. B. A .M. University, Aurangabad.	Aurangabad. 25-27, December, 1998
16. XX Annual Conference of ISCAP and Symposium on Environment and Human Health	Department of Environmental Science, Dr. B.A.M. University, Aurangabad.	Aurangabad. 28-30, January 1999.
17. Seminar on Higher education in new millennium: prospectus and problems	Dr. B.A.M. University, Teachers Association Aurangabad.	Aurangabad. 27 March 2000.
18. Workshop on Intellectual Property Rights and Patent Awareness	Dr. B.A.M.University, Aurangabad	Aurangabad. 23 rd June 2000.
19. Workshop on Desertification in Cities	Indian Environmental Society, New Delhi	Aurangabad. 21-23, July, 2000.
20. 70 th Annual Conference of National Academy of Science	Allahabad University, Allahbad.	Allahabad.3-6 November2000.
21. National Seminar on Zoology for 21 st Century	Department of Zoology, Goa University	Goa 7-9, December 2000.
22. Users Interaction Workshop on Potential Fishing Zone to	Marine Research Laboratory of Dr. B.A.M. University.	Ratnagiri, 4 th November 2001.

Forecast Fishing Activities		
23. National Conference on Frontiers in Biotechnological Aspects of Plants Sciences.	Dr. B. A. M. University, Aurangabad.	Aurangabad. 30-31, January 2002.
24. National Conference on Living Resources for Bio-industries	Department of Zoology, Dr. B.A.M. University, Aurangabad.	Aurangabad. 22-23, December 2001.
25. National Seminar on Paryavaran Saurakshan and Saunwardhan	Department of Environmental Science, Dr. B.A. M. University, Aurangabad.	Aurangabad. 12 th March, 2003
26. National Conference on Urban Lakes	University Grants Commission, New Delhi	Vivek Vardhini College, Hyderabad. 5-6 April, 2003
27. International Workshop on Urban Lakes Conservation and Management	Hyderabad Urban Development Authority (HUDA)	16 th to 18 th June, 2003 Silver Jubli Hall Public Gardens, Hyderabad.
28. National Symposium on Recent Trends in Biology and Biotechnology and 23 rd Annual Session of the Academy of Environmental Biology	Department of Zoology, Shivaji University, Kolhapur and The Academy of Environmental Biology Lucknow	9 th to 11 th October, 2003. Kolhapur.
29. National Workshop on Marine Biodiversity and Biotechnology	Marine Research Laboratory of Dept. of Zoology, Dr. B.A.M. University, Govt. Salt Dept. Awar, Bhatye, Ratnagiri.	19 th and 20 th January, 2004.

30. International Workshop on Urban Lakes Conservation and Management	Hyderabad Urban Development Authority (HUDA)	16 th to 18 th June, 2003 Silver Jubli Hall Public Gardens, Hyderabad.
31. Emerging pollutants: impact on health, agriculture and environment	Department of Environmental Science Dr. B.A.M. University, Aurangabad	29 th to 31 st January 2004.
32. National Conference On Wetlands Biodiversity.	Dept. Zoology. St. Aloysius College, Elthuruth, in Asso. With Limno. Asso. Of Kerala and IAAB, Hyderabad. Trissure.	2 rd to 3 rd Feb 2006.
33. Workshop on "Hazardous waste management.	Department of Environmental Science Dr. B.A.M. University, Aurangabad	28 & 29 th March , 2007
34. UGC Sponsored Regional Workshop	Intellectual property rights and patenting	23 rd Octo. 2007.
35. National Seminar on "Current issues on Applied Zoology and Environmental Sciences with special reference to Eco-restoration and Management of Bio-resources: (SCIAZE).	Environmental Clearances ----- - and Procedures".	Dec. 7 – 9 th , 2007
36. National Conference on Advances in Pollution Control Technology	Department of Environmental Science Dr. B.A.M. University, Aurangabad	26 th and 27 th February 2008
37. TQM: Role of Academic Staff College in Higher Education.	UGC Academic Staff College Dr. B.A.M. University, Aurangabad.	30 th March 2008.
38. IIRD World Aqua Congress.	Aqua Foundation, New Delhi.	2 nd – 4 th Dec, 2009.

39. Avhan 2009 a State Level Disaster relief training camp.	Dr. B.A.M. University, Aurangabad	9 – 20 June, 2009
40. National Conference on Natural Resource Management For Sustainable Development	School of Environment & Earth Science, North Maharashtra University, Jalgaon.	1 st and 2 nd February, 2010.
41. National Level Seminar on Global Warming and Water Crisis.	U.G.C Sponsored	11 th – 12 th March 2010.
42. Training Programme on understanding EIA from screening to decision making	Centre for Science and Environment, New Delhi	9 – 13 August, 2010.
43. One day seminar on Environmental Compliance & Beyond	Environmental Management Centre, Aurangabad.	3 rd Sept. 2010.
44. One day training program on Environmental Impact Assessment	Environmental Management Centre	4 rd Sept. 2010.
45. Recent Research Techniques in Zoology	Deogiri College Aurangabad	5 th September, 2010.
46. Two days training program on Role of various functional area experts & EIA co-ordinator in Environmental Impact Assessment study.	Pollution control consultants Sd engineering services Pvt.ltd. Aurangabad.	22 nd & 23 rd January 2011.
47. Environmental Pollution and Management	Dept. of Civil Engg. Government College of Engineering, Aurangabad.	28 th & 29 th January, 2011.
48. Two days workshop on Environmental Impact Assessment & Roles of Various subject Experts	Pollution control consultants Sd engineering services Pvt.ltd. Aurangabad.	9 th & 10 th July 2011
49. National Conference on Environmental Surveillance for	School of Environment and Earth Science, North Maharashtra University,	9 th & 10 th January 2012.

Natural Resource Management	Jalgaon.	
50. National Seminar on Parasite fate into living system	Mahatma Gandhi Mahavidyalaya, Ahmedpur, Latur.	24 TH & 25 TH August 2012.
51. National Conference on Current trends in chemical research	Vasantrao Naik Mahavidyalaya, Aurangabad	30 th & 31 st August 2012.
52. National Conference on Recent Trends and Future prospects in life Science.	Mahatma Gandhi Mahavidyalaya, Ahmedpur, Latur.	27 th & 28 th December, 2012.
53. National Conference on Recent Trend and Future prospects in Biology Science	Maharashtra Udayagiri Mahavidyalaya, Udgir.	18 th & 19 th January 2013.
54. National Conference on Global Environmental problems, its impact & solutions.	Netaji Subhashchandra Bose Arts, Comm. & Csience college, Nanded.	22 nd and 23 rd February 2013.
55. National Conference on Recent Trends in the Conservation of marine Biodiversity,	The department of Zoology, Gokhale Education Society Arts, Com. & Sci. College Shreewardhan, Raigad.	17 th & 18 th September 2014

16. Visit Abroad

- Visited to the countries for research paper presentation in Germany, Italy, Switzerland, Nepal, Sri Lanka & Dubai.

17. Particulars of seminars/conferences/workshop organized as Convenor/Chairman

- National symposium on Environmental issues and strategies for sustainable development 23-25 January, 1998. (Academic Co-coordinator)
- National Seminar on Environmental awareness and natural resources conservation 25-27 December, 1998. (Academic Co-coordinator)
- 20th Annual Conference of Indian Society for comparative animal physiology and symposium on environment and human health. 28-30 January, 1998 (Organizing Secretary).

- Seminar on Paryavaran Saunrakshan and prashikshan. 12th March, 2003 (Organizing Secretary)
- National Conference on Emerging pollutants: Impact on Health, Agriculture and Environment. 29 – 31 January 2004 (Organizing Secretary).
- Workshop on “Hazardous waste management – A priority issue” 28 & 29th March, 2007 (Convener).
- National Conference on “Advances in Pollution Control Technology” 26th and 27th February 2008. (Convener)
- Seminar on “Carrier opportunities in Environmental Science”. 31st July 2011. (Convener).
- National Conference on “Industrial Waste water Reuse, Recycle and Zero Discharge”. 5th & 6th March 2012. (Convener).

18. Publications

A] No. of publications	:	-National Journals	43	Total – 93
		-International journals	40	
		- National seminars	06	
		- International seminars	04	
		- Journals with Impact Factor-	40 (From 0.41 to 6.94)	
		- Books Published as a Author :	06	

Date :

Signature

Place :

(Dr. S. S. Patil)

List of Publications

Books published as an author:

1. Dr. Satish Patil (2011): Biodiversity & Biopotential of Bivalve Molluscs. Abhay Prakashan Kanpur, (ISBN: 978-93-80719-15-3)
2. Dr. Satish Patil (2012): Paryawaran Abhyas. Godawa Prakashan, Pune.
3. Dr. Satish Patil (2012): Paryawaran Antarang. Godawa Prakashan, Pune.
4. “Diploma in Watershed Management” in Marathi for IGNOU New Delhi.
5. Diversity of Bird Fauna (2014). Scholars Press Germany (ISBN-978-3-639-66764-6)
6. Diversity of Phytoplanktons and Zooplanktons (2014). Scholars Press Germany: (ISBN-978-3-639-66959-6)

Editorship of Journals:

1. Member of Editorial Board International Journal of Environment and Earth Sciences.
2. Member of Editorial Board Journal of Science information.
3. Member of Editorial Board for journal of Chemo and Biosphere.
4. Member of Editorial Board of SPM-JAR.

List of Research Publications

- 1 S.S.Patil, R.P. Patil and U.H. Mane (1994) :Impact of cadmium on the Edible bivalve mollusc, *Meretrix meretrix*.J. Ecotoxicol.Environ. Moint. Palani, Paramount Publication, Palani; 4(3) 189-192. (ISSN – 0971 – 0965-0004 – 94 – 189)
- 2 S.S.Patil and R.P. Patil (1995): Impact of mercury on the rate of Respiration of the bivalve mollusc, *Lamellidens marginalis (Lamarck)* J. Aqua. Biol. Vol. 10(1) 37-39. (ISSN – 0971-6920)
3. S.S.Patil and U.H. Mane (1997): Tissue biochemical levels in different body parts of the bivalve mollusc, *Lamellidens marginalis (L)* exposed to mercury in Winter season . J. Aqua.Biol. Vol. 12(1&2), 57-62. (ISSN – 0971-6920)
- 4 S.S.Patil(1998): Impact assessment of transportation of goods and other wastes on the related environment around Bhabhaleshwar-Shirdi highway road , J. Eco. Env. And Cons. Vol. 4(4); pp. 195-199.
- 5 S.S.Patil and P.V. Jabde (1998): Effect of mercury poisoning on somehaematological parameters from a fresh water fish, *Channa gachua* J. poll. Res.Vol(3), pp, 223-228.
6. S.S.Patil (1998): Occurance and tolerance of algae in distillery waste water J.Industrial Poll. Contl. Vol. 14(2)pp 89-93.
7. S.S.Patil and U.H. Mane (1998): Tissue biochemical levels of *Lamellidens marginalis* exposed to mercury in summer season J. Aqua.Biol. Vol.13(1&2), 73-77. (ISSN – 0971-6920)
8. S.S.Patil and U. H. Mane (1998): Seasonal Variation in Oxygen uptake of bivalve mollusc, *Lamellidens marginalis (Lamarck)* from lentic environment due to mercury stress , J. Aqua. Biol. Vol.13(1&2), 81-85.
9. S.S.Patil (1999): Environmental education at post graduate level, Proc. Nat. Sem. Env. Edu. Necessity and Design Curricula, pp 201-207 (1999). S.B.Science College Aurangabad

10. S.S.Patil and U. H. Mane (2000) :Changes in the hepatopancreas of the Bivalve *Lamellidens marginalis* due to acute mercury stress Proc.Nat.Acad.Sci.India, 70(B), 2nd, pp.1-6.
11. S.S.Patil (2000): Ground water quality from Pravara area, Dist. Ahemednagar, Maharashtra, J. Dr. B. A. M. University, Aurangabad, Vol. xxx No. 7 pp 65-68. 2000.
12. S.S.Patil and U.H. Mane (2001): Mercury impact on the bivalve *Lamellidens marginalis* (Lamarck) in summer season: Biochemical and Histological approach. In Environment and Agriculture: Biodiversity, agriculture and pollution in south asia (Eds. P.K. Jha, S.R.Baral and S.B. Karmacharya, ecological society, Kathmandu Nepal. pp. 581-587.
13. S.S.Patil, R. G. Auti and J. M. Patwari (2001): Acute toxicity of mercury on the fresh water bivalve molluscs *Lamellidens corrianus* from Nandrabad Pond. M. S. Jr. of Science, Dr. Babasaheb Ambedkar Marathwada, Universtiy, Aurangabad. Vol XXI No. 8 pp. 1-6.
14. S.S. Patil (2001): Effect of Mercuric Chloride on the Goanad of Freshwater Bivalve molluse, *Lamellidens Marginlis* in different seasons. Proceedings of International Congress of Chemistry and Environment, pp-181-186.
15. S.S. Patil (2002) : Heavy metal levels in freshwater bivalve molluscs *Lamellidens corrianus* from Nandrabad Swamp near Aurangabad. *Indian Jr. of Env. and Ecoplanning*. Vol 6 No. I.
16. S.S. Patil, J.M.Patwari and R.G.Auti (2003): Ground water quality of Pravara. *J.Aqua. Biol.* Vol 18 (2) : 85-86. (ISSN - 0971-6920)
17. S.S. Patil and U.H.Mane (2004): Acute toxicity of cadmium on the estuarine bivalve mollusc, *Katelsia opima* (Gmelin) from Ratnagiri. *Ind. J. Invert. Zool. & Aqua. Biol.* Vol 5 (1): 61-64. (ISSN - 0971-6920)
18. S.S.Patil and U.H. Mane (2004) : Tissue biochemical levels in different body parts of freshwater bivalve *Lamellidens marginalis* exposed to mercury in monsoon season. *Indian Journal of Comparative Animal Physiology*, Vol. - 22 , p. 56 - 61. (ISSN - 0255 - 7150)
- 19 S.S. Patil and R.G. Auti (2005): Seasonal variations of zooplankton from Salim Ali Lake at Aurangabad. *BIOINFOLET* 2(2): p 81-85. (ISSN- 0973 - 1431)
- 20 S.S. Patil and J.M. Patwari (2005): Mercury impact on the oxygen uptake of

The bivalve molluscs, *Lamellidens corrianus* in different seasons. *J. of Sciences* Vol XXXIII (C), p 38-41.

- 21 S.S. Patil (2006): Role of Legislation in the conservation of Biodiversity : The Nooks and flaws in the Law as Stumping block. *J. of Basic and Applied Sciences* Vol. (1) : p 17-27. ()
- 22 S.S. Patil and Auti R.G. (2006): Conservation and Management of lakes : A case study of Salim Ali lake. *Nat. Conf. On Wetlands Biodiversity. Org. by Dept. Zool. St. Aloysius College, Elthuruth, in Asso. With Limno. Asso. Of Kerala and IAAB, Hyderabad. Trissure. p. 193-198. (ISSN – 0971-6920)*
- 23 S.S.Patil., Dilip Yardi ., and Auti R.G.(2006): Diversity of avian fauna from Salim Ali lake. *Nat. Conf. On Wetlands Biodiversity. Org. by Dept. Zool. St. Aloysius College, Elthuruth, in Asso. With Limno. Asso. Of Kerala and IAAB, Hyderabad. Trissure. pp. 78-83. (ISSN – 0971-6920)*
- 24 S.S.Patil and K.L. Karkare (2007): Disaster Management and Mitigation Environmental Changes and Natural Disasters, *New Inida Pub.Agency*, pp. 179 – 184, New Delhi.
- 25 S.S. Patil, R.G. Auti and S.S. Mokashe (2008): Conservation and Management of Salim Ali Lake, Aurangabad. Sengupta, M and Dalwani, R. (Editors), *Processing of Taal 2007: The 12th World lake conference: 1614-1622.*
- 26 S.S. Patil, R.G. Auti, Dilip Yardi and N.N. Bandela (2008): Conservation of Birds of Jaikwadi dam- A Proposed Ramsar site, Aurangabad. Sengupta, M and Dalwani, R. (Editors), *Processing of Taal 2007: The 12th World lake conference: 547-553.*
- 27 S.S. Patil, Pondhe G.M., Hase P.C. and Thitame S.N. (2008): Characteristic and quality of ground water in Ghulewadi and Maldad Villages near Sugar factory, Sangamner, Dist, Ahmednagar, Maharashtra: *Jr. of Aqua. Biol., Vol., 23(1): 51-54. (ISSN – 0971-4235)*
- 28 S.S. Patil, C.B. Pawar, A.M. Dhere, P.B. Pardeshi, and J.D. Barkade. (2009): Biodegradation of Surfactants in Mula-Mutha Rivers Water in Pune City. *Enrich Environment. Multidisciplinary International Research Journal. Vol. 02. Number. 02. P- 22-28. (ISSN – 0974 – 6064)*
29. S.S. Patil, C.B. Pawar. (2009): Biodiversity of terrestrial scorpions in the Osomanabad district (MS) India. *Vol. 15 (2) pp – 297-300 (ISSN – 0971-6920)*

30. S.S. Patil and R.D. Joshi. (2010): Impact of Sugar Mill Waste Water on Ground Water Quality. Ecology and Fisheries, Vol.03(1). P-45-54.
- 31.S.S. Patil Jadhvar V.R., and Ghorade, I.B. (2010): Assessment of GroundwaterQuality in and around Nagothane region Dist. Raigad, Maharashtra. Jr. of Aqua. Biol., B07 Vol.25 (2) : 91-99. (ISSN – 0971- 4235)
- 32 S.S. Patil C.A. Jawale, C.B. Pawar and V.S. Kamble (2010): A study of some Faunal terrestrial species scaring and worshipping in the village of Kathisawargaon in Osmanabad Dist. – A case study. Jr. of Flora and Fauna Vol. 16(2): 318 – 320. (ISSN – 0971-6920)
33. S.S. Patil, D.B. Goswami, M.D. Wagh and H.P. Shinde (2010): Effect of Pesticides on the Glycogen content of the Gastropoda, Laevicaulisalte. National Journal of life Science, Vol. 7(3) 2010: pp 69-76. (ISSN – 0972-995X)
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35. S.S. Patil, and C.B. Pawar (2011): Soil salinity conditions in the KR – 48 watershed in Krishna basin and subsurface drainage technology (SSD) reclamation of saline soil – technology adoption for improving soil condition at Kasbe – digraj village in sangli dist. of Maharashtra. Jr. of Enrich Environment. (ISSN – 0974-6064)
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38. S.S. Patil, S.L. Jadhav and B.L. Chavan (2011): Designing fabrication and performance analysis of solar still for purification of water. Jr. of Innovative systems Design and Engineering. Vol. 2. No. 3. (ISSN – 2222-1727) (Impact Factor-6.94)
39. S.S. Patil, (2011): Zooplankton Diversity from Salim Ali Lake at Aurangabad. J. Flora and Fauna. Vol. 17 (2) pp 355 – 362. (ISSN – 0971-6920)

40. S.S. Patil, I.B. Ghorade, V.R. Potadar and V.R. Jadhavar (2011): Utilization of Agricultural waste in organic farming for sustainable agriculture. Indian Stream Research Journal Vol. I (10), 2011: pp 1-4. (ISSN – 2230-7850) (Impact Factor-0.4161)
41. S.S. Patil, and I.B. Gorade (2011): Management of water and Eco Sustainability Assessment of Godavari River from Maharashtra State for Sustainable Utilization. Indian Journal of Applied Research. Vol.1 (2) 2011. Pp 19-22. (ISSN – 2249-555X) (Impact Factor-2.1652)
42. S.S. Patil, D.B. Goswami, S.J. Pawar (2011): Effect of Pesticide on the Protein Content of the Gastropoda, *Levicaulis Alte*. International Journal of Environment and Earth Science. Vol. 7. (1) 2011. Pp 1-13 (ISSN – 0976-741X).
43. S.S. Patil, C.B. Pawar and A.B. Shinde (2011): Health? The False Dilemma of Cash Crop Growing Farmers and Laborers in Nandani Village of Western India. International Journal of Development Studies. Vol. 3 (2) 2011. Pp 69-73. (ISSN 0975-5799)
44. S.S. Patil, V.R. Jadhavar, and I.B. Ghorade (2011) Variation in Heavy Metal Content in water of Amba River Near Nagothane, Dist. Raigad (Maharashtra) International Journal of Environment and Earth Science. Vol.1 (2) 2011. Pp 11-16 (ISSN – 0976-741X)
45. S.S. Patil & Dilip Yardi (2011): Conservation of Birds and their ecological status in Jaikwadi Bird Sanctuary. Proceeding National Conference on “Environment Pollution and Management 28th & 29th January 2011. Pp 52 – 56. (ISBN – 978-81-90495-8-8)
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 - 55 S.S. Patil & I.B. Ghorade (2013): Physico-Chemical Assessment of Kham River at Aurangabad, (Maharashtra) Indian Journal of Applied Research. Vol.3 (3) 2013. Pp 153-155.(ISSN-2249- 555X). (Impact Factor-2.1652)
 - 56 S.S. Patil, K.L. Karkare & I.B. Ghorade (2013): Infectious Disease Risk from Dead Bodies of Natural Disasters. Indian Journal of Applied Research. Vol.3 (3) 2013. Pp. 156-157. (ISSN-2249- 555X). (Impact Factor-2.1652)
 57. S.S. Patil, A.S.S. Hassan and I.B. Ghorade (2012): Physico-Chemical Assessment of Groundwater Quality of Waluj Industrial Area, Aurangabad. (Maharashtra). J. Paripex – Indian Journal of Research. Pp 215-217. (ISBN – 2250-1991)
(Impact Factor-2.1652)
 58. S.S. Patil, C.B. Pawar & B. Maskare (2013): Remote sensing (RS) and Geographical information system (GIS) Based morphometric analysis of KR-25 watershed to understand scope for watershed development in sangli District of western Maharashtra, India. Journal of water research (photon). Pp 175-183. (ISJN-3294-9473) (Impact Index-3.15)
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Applied Research. Vol.3 (5) 2013. Pp. 335-336. (ISSN-2249- 555X). (Impact Factor-2.1652)

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Participation in corporate life:

Contribution to the University:

1. Worked as a Custodian and CAS Officer in the CAS Centre of Dr. B.A.M. University, Aurangabad.
2. Involved for the inauguration of Marine research laboratory of Dr. B.A.M. University, Aurangabad at Ratnagiri.
3. Work as coordinator for 03 refresher courses in Environmental Science.
4. Worked as a member of the annual report committee for the year 2001-2002 of Dr. B.A.M. University, Aurangabad.

5. Visited U.G.C. office Delhi for the official work in connection with submission and approval of the building proposals from the commission under 9th plan scheme in 2002.
6. Working as a member of Department Committee.
7. Working as a member of Department Purchase Committee.
8. Working as Examiner for Theory and Practical at M. Sc. level.
9. Involved actively in the NAAC Program and U.G.C. visit to Department of Environmental Science, Dr. B.A.M. University, Aurangabad.
10. Accompanying for the students excursion program since 1996.
11. Worked as a member of Local Enquiry Committee on several colleges
12. Worked as selection committee member as a subject expert in KSK College Beed, S. B. Science college and Deogiri college of Dr. B. A. M. university & SRT university Nanded.
13. Worked as affiliation committee member for several colleges.
14. Worked as a Member of Golden Jubilee celebration committee of Dr. B. A. M. University, Aurangabad.
15. Worked as a Member of Development Grant Utilization Committee in 2007.
16. Worked as presiding Officer in Assembly and Parliamentary election of Aurangabad district.
17. Worked as a steering committee Member in Avhan camp organized by University from 9th to 20th June, 2009.

Students Welfare and Discipline:

- 1) Maintaining discipline in classes, laboratories and department by undertaking from students remaining absent in lectures/practical or misbehaving ones.
- 2) Providing books, reading material, research material from personal library to students.
- 3) Guiding to students for employment opportunities, private consultancies and business opportunities.

Research/Development plan for next five years (in brief):-

As an individual:

1. Research on eco-sustainability assessment of various water resources from Marathwada region.
2. Extensive studies on Environmental Impact Assessment (EIA) for different projects from Maharashtra.
3. Research on Ecological Foot printing and Carbon credit and LCA.
4. Extensive research on Zero discharge technology and clean development mechanism in industries.

5. Research on comprehensive environmental pollution index (CEPI) of various industrial clusters of Maharashtra.

Developmental Plan:

1. To Establish Universities International Field station at Nathsagar near Paithan for conducting research and extension programme in environmental and biological sciences. The centre will facilitate freshwater research, aqua culture practices for fishermen and local communities, environmental awareness programmes, training for organized groups, farmers, industrial workers, women's groups, students etc. and web based information and lakes and reservoir in Maharashtra, India & South Asia.
2. Installation of wind – solar hybridized energy tower's to the side hills of the university campus to cater the need of electricity of the university by generating approx 148 KVA of electricity.
3. Installation of Sewage Treatment Plant (STP) for domestic wastes from offices , hostels, guest houses and Residential quarters and Effluent Treatment Plant (ETP) for the wastes from chemical laboratories in the university campus and to recycle the waste water for gardening, irrigation etc in the campus.
4. Installation of Weather Monitoring Centre for online monitoring of ambient air quality and air polluting parameters in the campus.
5. To establish placement cell at departmental level to create job opportunities to post graduate and research students.
6. To start innovative short term courses/ trainings on various aspects of environment for the better employment opportunities.
7. To accredit departmental Laboratories and Research Laboratories through NABL, MoEF, CPCB & ISO 14000 etc.
8. Collaboration with industries/other universities/ institutions for sponsored research, projects, consultancies etc.
9. To equip departmental research laboratories with sophisticated instruments / software's to provide better opportunities for research and consultancy services.
10. To beautify the campus by planting environmental friendly species of plants and threatened species/ endemic species, Medicinal species, commercial plants etc.
11. To adopt a village every year to study the several aspects of Socio-Economic & sustainable development rural poor.
12. To form an alumina association for advise and generation of funds for departmental infrastructural and academic development.

Any other information:

a) Orientation course completed:

1. 32nd Orientation course conducted by UGC- Academic Staff College (West Zone) Dr. Babasaheb Ambedkar Marathwada University, Aurangabad for College and University Teachers from 02 to 28th February 1998.

b) Refresher course completed:

1. 8th Refresher course in Environmental Science conducted by Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from 03 to 30th September, 1999.

2. 10th Refresher course in Environmental Science conducted by UGC- Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from 03 to 30th October, 2001.

3. 11th Refresher course in Environmental Science conducted by UGC- Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from 05 to 26th June, 2002 Under Grade 'A'.

Contact with scientific organizations.

1. Department of Environmental Studies, Masaryk University, Kkotlarska brnzo Czech Republic.
2. Department of Zoology, University of Colombia Codex Portugal.
3. National Institute of Public health and Environmental protection, Toxicology Advisory Center, Bithenen, Netherlands.
4. Society for Experimental Biology, Burlington House, Picadilly, London.
5. Ciba convention services, Ch-4002 J Basel / Switzerland.
6. Department of Animal Physiology, University of Liege, Belgium.
7. Society of Environmental Toxicology and Chemistry, Copenhagen Denmark.
8. FAO of the U.N. Rome Department of Fisheries.
9. Academy of Experimental Biology of India, Muzaffarnagar.
10. National Institute of Oceanography Goa, India.
11. Department of Zoology, Institute of Science Mumbai.
12. School of Environmental Sciences, University of Poona, Pune.
13. Department of Environmental Sciences, Andhra University, Waltair, India.
14. Department of Zoology Dr. B. A. M. University, Aurangabad.
15. Ministry of Environment and Forests, Government of India, New Delhi
