

CURRICULUM VITAE

PROF. DR. SATISH PATIL

M.Sc., Ph.D. (Environmental Science)

Senior Professor
Department of Environmental Science

Co-ordinator
Science & Technology Park

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad-431004
Tel : (0240)-2403322/323; Mobile No.: 09422707261; Email: sushshrey@rediffmail.com,
satishpatilsir@gmail.com, sushshrey@yahoo.com

Residence: - A5, Row Bungalow, Jabinda Residency, Devanagari, Shahnoorwadi, Aurangabad - 431001

Thirty Two Years of academic & research experience in the field of Higher Education

Positions Held & Recognitions,

DIRECTOR (July 2016 - March - 2017)

Board of Colleges & University Development,
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad

ASSESSOR (2020 - Till Date)

National Assessment & Accreditation Council
(NAAC), Nagarbhavi, Bangalore

IN-CHARGE OFFICER (March 2017 - July 2017)

Academic & Planning,
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad

ADVISOR (December 2012 - Till Date)

ECOCERT–France (Govt. Approved organic
certification Agency) for South Asian countries.

DIRECTOR (July 2015 - July 2021)

Central Facility for Advanced Research & Training,
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad

EXECUTIVE MEMBER (2007 - Till Date)

Environmental Research Foundation & Educational
Academy, Aurangabad

HEAD OF THE DEPARTMENT

(2006- 2008 & 2017-2020)
Department of Environmental Science,
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad

COORDINATOR (2014-15 & 2015-16)

National Science Day, Dr. Babasaheb Ambedkar
Marathwada University, Aurangabad

OTHER RECOGNITIONS

Sr. No.	Position	Name of the University College Institution	Duration
1.	Coordinator	Fresh Water Field Station at Paithan	From July 2012
2.	President	Dr. Babasaheb Ambedkar Marathwada University Teachers Association, Aurangabad	2013-14.
3.	Chairman	Ad-hoc board of Environmental Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Aug 2006-2008
4.	Member	Action Plan 2020 and vision 2020 of Maharashtra Pollution Control Board, Forest Department and Wildlife department of Govt. Of Maharashtra for Aurangabad division.	2012-13
5.	Fellow Member	International Congress of Chemistry and Environment, (FICCE) Indore.	-
6.	Fellow Member	Indian Association of Aquatic Biologists (IAAB), Hyderabad.	-
7.	Life Member	Indian Society for Comparative Animal Physiology (ISCAP), Tirupati	-
8.	Life Member	Indian Journal of Environment and Eco-planning, Dumka	-
9.	Joint Secretary	Indian Society for Comparative Animal Physiology form	1999-2001
10.	Chairman	Board of Examinations in Environmental Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2006-08
11.	Member	Adhoc Board of Environmental science, SRT University, Nanded	2012-14
12.	Member	Adhoc Board Dr. Babasaheb Ambedkar Marathwada University	2011-13
13.	Member	Board of studies in Environmental Science in Gulbarga University, Gulbarga, (Karnataka)	2011-13

14.	Member	Board of studies in Environmental Science in Kuvaumpu University, Shimoga, (Karnataka).	2014-16
15.	Member	Internal Subject Expert on RRC of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	2012-17
16.	Director	Dr. Babasaheb Ambedkar Marathwada University Teachers Credit Co-operative Society, Aurangabad	From 2005 till today

RESEARCH CREDENTIALS

PATENTS : 02

1. Ecological sanitation approach in a constructed wetland using angular horizontal subsurface flow and angular horizontal subsurface zigzag flow pilot plant novel models

Application Number: 3390/MUM/2015

Published Date: 18/09/2015

2. Phyto-purification treatment of sewage using pennisetumpurpleium through angular with zigzag or circular horizontal subsurface flow (AZHSSF) constructed wetland

Application Number: 201621010599

Published Date: 13/05/2016

RESEARCH PROJECTS COMPLETED : 12

1. Minor Research Projects: - 05 Projects with total outlay of Rs. 3.60 Lakhs
2. Major Research Projects: - 04 Projects with total outlay of Rs. 29.04 Lakhs
3. Consultancy Projects: - 03 Projects with total outlay of Rs. 42.50 Lakhs

RESEARCH GUIDANCE : 36 Students

1. Ph.D. Awarded: - 30 Students
2. Research work ongoing: - 06 Students

CONFERENCES/SEMINARS PARTICIPATED/ATTENDED

1. International : - 16
2. National : - 58

VISITS AT ABORAD

1. Germany
2. Italy
3. Switzerland
4. Nepal
5. Bhutan
6. Sri Lanka
7. Dubai
8. Thailand
9. Maldives

SEMINARS/CONFERENCES ORGANIZED AS CONVENER/CHAIRMAN

1. National symposium on Environmental issues and strategies for sustainable Development 23-25 January, 1998 (Academic Co-coordinator)
2. National Seminar on Environmental awareness and natural resources conservation 5-27 December, 1998. (Academic Co-coordinator)
3. 20th Annual Conference of Indian Society for comparative animal physiology and Symposium on environment and human health. 28-30 January, 1998 (Organizing Secretary)
4. Seminar on Paryavaran Saunrakshan and prashikshan. 12th March, 2003 (Organizing Secretary)
5. National Conference on Emerging pollutants: Impact on Health, Agriculture and Environment. 29 – 31 January 2004 (Organizing Secretary)
6. Workshop on “Hazardous waste management—A priority issue” 28 & 29th March, 2007 (Convener)
7. National Conference on “Advances in Pollution Control Technology” 26th and 27th February 2008. (Convener)
8. Seminar on “Carrier opportunities in Environmental Science”. 31st July 2011. (Convener)
9. National Conference on “Industrial Wastewater Reuse, Recycle and Zero Discharge”. 5th & 6th March 2012. (Convener)
10. Workshop on “Air Pollution Monitoring & Control Measures” in collaboration with Clean Air Asia, New Delhi as a Convener
11. Workshop on “Environmental pollution : Emerging Perspectives” as Chairman organized by Department of Environmental Science on 11 March 2017

RESEARCH PUBLICATIONS

Research Papers :-

1. National / International Journals :- 133
2. Journals with Impact Factor :- 52 (From 0.41 to 6.94)

Books/Book Chapters Published: - 19

1. **Dr. Satish Patil** (2011): Biodiversity & Bio potential of Bivalve Molluscs. AbhayPrakashan 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. **Dr. Satish Patil and I. B. Ghorade** Diversity of Bird Fauna (2014). Scholars Press germany (ISBN-978-3-639-66764-6)
6. **Dr. Satish Patil and I. B. Ghorade** Diversity of Phytoplanktons and Zooplanktons (2014). Scholars Press Germany: (ISBN-978-3-639-66959-6).
7. **Dr. Satish Patil, Geetanjali Kaushik, Arvind Chel & Shivani Chaturvedi**, Biofuels: Advances and perspectives (2018), Stadium Press India pvt. Ltd 9789385046223 Ansari Rd, Dariya ganj, New Delhi, Delhi 110002, (ISBN 93-85046-22-5) (2018)
8. **Dr. Satish Patil**, Research Methodology in Environmental Science, (2019) (ISBN 978-93-87556-42-3), International Publications, Kanpur.
9. **Dr. Satish Patil**, Modern Trends in Environment and Water Management (2019), International Publications, Kanpur, (ISBN 978-93-87556-71-3).
10. **Dr. Satish Patil**, Ecological foot Prints and Carbon Sequestration (2020), International Publications, Kanpur, (ISBN 978-93-87556-91-1).
11. **Dr. Satish Patil, Dr. Gajanan S. Sanap**, Environmental Crisis: Covid-19 Post Corona Opportunities and Challenges, International Publications, Kanpur, (ISBN 978-81-947391-3-5).
12. **Dr. Satish Patil**, Green Economy, International Publications, Kanpur, (ISBN 978-81-945988-9-3).
13. **Dr. Satish Patil**, Climate change: emerging Scenarios and Adaptation Strategies (Vol.I), International Publications, Kanpur, (ISBN 978-93-87556-88-1).
14. **Dr. Satish Patil**, Climate change: emerging Scenarios and Adaptation Strategies (Vol.II), International Publications, Kanpur, (ISBN 978-93-87556-88-1)
15. **Satish Patil, Geetanjali Kaushik, Arvind Chel & Shivani Chaturvedi** (2018), Air Quality Status and Management in Tier II Indian Cities : A Case study of Aurangabad City, Maharashtra Handbook of Environmental Materials Management, Springer International, Page 167-193, (ISBN 978-3-319-73645-7)
16. **Satish Patil, Kaushik Geetanjali, Chel Arvind, Chaturvedi Shivani** (2018), Status of Particulate Matter Pollution in India : A Review, Springer International, Page 01-28, https://doi.org/10.1007/978-3-319-58538-3_78-1
17. **S. S. Patil, Sushant S Patil, B K Sakhale** (2018), Use of Unmanned Aerial Vehicle – Drones for Smart Agricultural Operations, The Institution of Engineers (India), Page 75-78, (ISBN 9788194520153)

18. **Satish S. Patil and Vinayak P. Dhulap Satish S. Patil and Vinayak P. Dhulap (2022)** : Biotechnological Approach for Wastewater Management: Constructed Wetlands Is a Green Solution, Emerging Trends in Environmental Biotechnology, Page 49-66, (ISBN 9781003186304)
19. **Satish Patil, Ajinkya R. Telgote (2023)** : An Overview of the Research and Application of Various Activated Carbons and Ash Used in Water Purification Technology, BP International, Page 131-150, (ISBN 9788119761746)

Editorship of Journals:-

- Member of Editorial Board International Journal of Environment and Earth Sciences
- Member of Editorial Board Journal of Science information
- Member of Editorial Board for journal of Chemo and Biosphere
- Member of Editorial Board of SPM-JAR

EMPLOYMENT HISTORY (PERMANENT / REGULAR POSITIONS)

<i>Duration</i>	<i>Position</i>
<i>June - 1991 to June 1993</i>	Assistant Professor (Environmental Science), Nutan Mahavidyalay, Selu, District : Parbhani (Maharashtra)
<i>September 1993 to June 1996</i>	Assistant Professor (Environmental Science), PVP College, Pravaranagar, District : Ahmednagar (Maharashtra)
<i>June 1996 till date</i>	Assistant Professor (Environmental Science), Department of Environmental Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
<i>June 1999</i>	Research Guide (Environmental Science), Department of Environmental Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
<i>June 2005</i>	Reader (Environmental Science), Department of Environ Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
<i>June 2008</i>	Associate Professor (Environmental Science) Department of Environmental Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

June 2011	Professor (Environmental Science) Department of Environmental Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
March 2022 till date	Senior Professor (Environmental Science) Department of Environmental Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

RESEARCH PROJECT DETAILS

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>Lamellidenscorrianus</i> (Lee) from Nandrabad swamp near Aurangabad City.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	60,000/- 2years	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/- 1year	Minor Research Project Completed In March2000.
3. Water quality assessment of lentic areas in the vicinity of Aurangabad city.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	1,00,000/- 1year	Minor Research Project Completed In March2002.
4. Impact of heavy metals on the fresh water bivalve molluscs, <i>Lamellidenscorrianus</i> (Lee) from Nandrabad swamp near Aurangabad city.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	1,00,000/- 2years	Minor Research Project Completed In March2002.

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/- 2year	Major Research Project completed in April2003.
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/- 3years	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/- 2years	Minor Research Project Completed- 2009
8. Eco sustainability Assessment of Godavari River Water for Sustainable Utilization.	University Grants Commission, New Delhi	7,58,000/- 3years	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/- 2years	Major Research Project. (On going)
10. Environmental Status Report (ESR)of Aurangabad Corporation Area.	Aurangabad Municipal Corporation	7,50,000/- 6Months	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 Completed2015

12. Assessment of Ecology and Biodiversity studies of Jaikwadi dam in the proposed construction site of Jack well, 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
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RESEARCH GUIDANCE DETAILS

Sr.No.	Student	Research Topic	Period of Guideship	Ph.D awarded in
1	Mr. Auti R. G.	Seasonal Variations in the water characteristic and macro faunal distribution in Salim Ali Lake, Aurangabad	2000-2003	June 2003
2	Mr. J.M. Patwari	Water and soil characteristics of a pond at Nandrabad on the habitat of bivalve lamellidens corrianus	2000-2003	June 2003
3	Miss. K.A Zadpide	Heavy metal level and their detoxication mechanism in bivalve molluscs from Maharashtra state	2000-2003	August 2003
4	Mr. G.M. Pondhe	Impact of Agrobases industries on the groundwater quality of Sonai Area, Dist. Ahmednagar	2003-2006	February 2006
5	Miss. V. B. Inamdar	Environmental life cycle assessment of cereal crops under chemical and organic production systems	2000-2007	January 2007
6	Mr. S. B. Shinde	Diversity of fresh water bivalve molluscan fauna from Aurangabad district with reference to their biotic potential	2003-2008	December 2008
7	Mr. B. J. Dahiwale	Diversity of benthic macro invertebrates with respect to hydro biological characteristics of Sukhna dam near Aurangabad	2004-2008	September 2008
8	Mr. R. R. Matkar	Eco-sustainability assessment of Godavari river water at Jaikwadi dam supplied to Aurangabad City	2004-2009	January 2009
9	Mr. R.G. Machale	Impact of agro based industries on the ground water quality of Rajuri Area, Dist. Beed	2004-2010	September 2010
10	Mr. R. D. Joshi	Effect of sugar mill effluent on soil micro flora and ground water quality of Ambajogai area	2006-2011	February 2011
11	Mr. D. D. Yardi	Eco-sustainability Assessment of Jayakwadi dam with reference to bird sanctuary	2005-2011	August 2011
12	Mr. K. L. Karkare	Disaster management in developed and developing countries	2006-2012	September 2012

13	Mr. M. D. Wagh	Ground water chemistry of Agro based Industrial area of Deola Dist. Nashik	2009-2013	February 2013
14	Mr. V.R. Jadhavar	Impact of Chemical Industries on the water quality of Nagothane-Roha Industrial area of Raigad District	2009-2013	April 2013
15	Mr. C. B. Pawar	A Study of Watershed Development and its management at Kadegaon, Khanapur & Atatadi Taluka in Sangli District	2008-2013	June 2013
16	Mr. A. S. Hassan	Ground water quality of Aurangabad industrial area	2005-2013	June 2013
17	Mr. I.B. Ghorade	Eco-sustainability Assessment of Godavari River Water for Sustainable Utilization	2011-2014	July 2014
18	Mr. H. D. Gandhe	Impact of urban sewage and industrial effluent on the ground water quality in the vicinity of Ahmednagar city	2005-2014	September 2014
19	Miss. M.S. Zagare	Environmental impact studies on Microbial quality of Dairy Pack Food	2009-2014	October 2014
20	Mr. V.P. Dhulap	Studies on the use of constructed wetland for the treatment of wastewater	2008-2015	September 2015
21	Mr. S. V. Lamture	Soil chemistry of irrigated and non-irrigated farmlands of Beed District	2012-2015	October 2015
22	Mr. V.R. Potadar	Studies on Ecological Footprint and carbon sequestration of Aurangabad City	2013-2018	October 2018
23	Mr. V.R. Thakur	Bio-monitoring of Godavari river between Kaigaon Toka and Paithan for Wholesomeness of water quality	2012-2019	May 2019
24	Mr. S. S. Asgaonkar	Natural resource management and sustainable rural development of Aurangabad District	2013-2019	January 2019
25	Mr. S. H. Pawar	Treatment efficiency of effluent treatment plants of industries of Solapur District	2014	October 2019
26	Mr. K. P. Dandge	Remote sensing and GIS Technology for mapping spatial variations of water quality index in Bhokardan area Jalna District	2013	January 2022

27	Mr. V. P. Patil	Treatability studies on distillery spentwash by oxidation processes	2013	August 2020
28	Mr. D. R. Thorat	Physico-Chemical Characteristics of Kham River Water and Treatment for Recycling and reuse of water	2013	August 2020
29	Mrs. A. N. Mirza	Biodiversity mapping of gautala reserve forest of Aurangabad district	2014	June 2023
30	Mr. S. A. Kolhe	Hazardous waste management practice and its governance in Maharashtra State	2018	Ongoing
31	Mr. K. M. Shinde	Development and design of low cost vermicomposting technology for municipal sewage and solid waste	2018	Ongoing
32	Mr. A. R. Telgote	Development and design of the cost effective model for water purification from municipal area	2018	Ongoing
33	Ms. R. B. Tiwari	Development of air quality model for Aurangabad urban area and its health impact	2018	Ongoing
34	Ms. Arti B. Gadekar	Studies on potential of soil carbon sequestration in Agro-Ecosystem by using improved agricultural practices at Aurangabad District	2021	Ongoing
35	Ms. S. R. Ballal	Studies on green building construction of Maharashtra to mitigate the climate change and global warming	2021	Ongoing
36	Mr. N. V. Shejwal	Environmental Impact Assessment Study of Developmental Project in Marathwada Region for its present and future production benefits	2021	Ongoing

DETAILS OF SEMINARS/CONFERENCES PARTICIPATED/ATTENDED

Sr.No.	Names of the Seminars / Conference / Symposia, Workshops etc.	Name of the Sponsoring Agency	National/ International	Place & Date
1.	Food and Agricultural Organization (FAO) Rome	FAO, Rome	International	Italy 3-7, September, 1993
2.	Ozone application in Medicine	International Ozone Association	International	Zurich, Switzerland Sept, 1-3, 1994
3.	Third European Conference on Eco toxicology	Fed rich Institute of Toxicology, Zurich	International	Zurich, Switzerland. Aug28- 31, 1994
4.	Environment, Medical Ethics and Biodiversity	Nagar College, Nagar	International	Ahmednagar 13-16, January, 1998
5.	International Conference on Environmental Agriculture	Ecological Society (ECOS), Kathmandu	International	Kathmandu, Nepal Nov. 1-31998
6.	International Conference on Probing in Biological systems	Institute of Science, Mumbai	International	Mumbai 7-11February, 2000
7.	International Congress of Chemistry and Environment	ICCE-2001, Indore	International	Indore 16-18 December, 2001
8.	12 th World Lake Conference (Taal – 2007)	Conservation and management of Salim Ali lake, Aurangabad	International	28thOct.– 2 Nov. 2007
9.	Illrd World Aqua Congress	Aqua Foundation, New Delhi, India	International	New Delhi 2nd– 4th Dec.2009
10.	Second International River Festival	Narmada Samagra, Bandrabhan, India	International	Bandrabhan 21st– 23rd March 2010
11.	International Conference on Biotechnology for Better Tomorrow	Dept. of Microbiology, Dr. B. A. M. university, Sub–campus Osmanabad.	International	6-7 Feb,2011
12.	Indo-SriLanka International Conference on Agro Biotechnology for Sustainable Development	University of Ruhuna, Peradeniya, Colombo, Sri Lanka	International	Sri Lanka 12-13 March, 2012
13.	Ilnd World Congress for Man& Nature -2012 on Global Change: Impact on	Sevadal Mahila Mahavidyalaya, Nagpur	International	Nagpur 3rdto 5th November 2012

	Biodiversity, Culture & Technology			
14.	International Conference on "Biotechnology and Bioengineering" (ICBB 2014)	Microbiologist Society, India, Dr. B. A. M. University & Birla Institute of Technology & Science, Pilani	International	29th& 30th October 2014
15.	International Conference on Climate Change and Sustainability	Thakur College of Science & Commerce	International	21st to 23rd December 2015
16.	International Conference on Technologies for Mitigation of Environmental Pollution and Their Applications in Conservation of Aquatic Ecosystem	Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	International	December 13, 2008
17.	International Conference on Biotechnology for Better Tomorrow – 2020	Microbiologists Society, India & Maldives National University, Male & Q-Study Center	International	22-23 February 2020
18.	Interdisciplinary International Conference on Development, Environment & Social Welfare : Issues & Challenges	Social Research Foundation in collaboration with Dept of Sociology, Dr. B. A. M. University, Aurangabad	International	May 16th – 17th 2017, Bankok Thailand
19.	International Multidisciplinary Research Conference on "Biodiversity, Climate Change, Environment and Life Sciences"	S.B.E.S College of Science Aurangabad, Maharashtra,	International	
20.	Symposium on Environmental Risk Assessment and Management	The Academy of Environmental Biology, Jai Research Foundation	National	Valvada, Gujrat 29-31 December 1988
21.	XI Annual Conference of AISCAP & the AISCAPEI	Department of Zoology, Nagpur University	National	Nagpur 29-31, January, 1989
22.	Symposium on "Environmental Pollutants	Annual Session of Academy of Environmental Biology	National	Marathwada University, Aurangabad

	and Resources of Land and Water			21-23 December, 1990
23.	Biometric and Computer Applications Workshop	Botany Department	National	Marathwada University, Aurangabad 10-11, October, 1992
24.	Seminar on Environmental Threat a feature sustainable life On the earth	P.V.P. College Pravara Nagar	National	Pravara Nagar 20-21, March, 1994
25.	Symposium on Eco-environment Impact and Organism Response	Government Vidharbha Mahavidyalay	National	Amravati 15-17, October, 1994
26.	National Symposium on Animal and Environment	Dept.of Zoology Dr. B.A.M.University, Aurangabad	National	Aurangabad 9-11, December, 1994
27.	Workshop on Water quality Assessment	Indian Association of Aquatic Biologists (IIAB)	National	Pravara Nagar 15-16, April, 1995
28.	11th Congress of federation of Indian Physiological Society	Department of Zoology Shree Venketaswara University, Tirupati	National	Tirupati 15-17, September, 1997
29.	Workshop on Environmental Physiology of Aquatic Invertebrates	Department of Zoology, Dr. B.A.M.University, Aurangabad	National	Aurangabad 17-19, October, 1997
30.	National Symposium on Environmental Issues and Strategies for Sustainable Development	Department of Environmental Science, Dr. B.A.M.University, Aurangabad	National	Aurangabad 23-25, January, 1998
31.	68th Annual session of National Academy of Sciences, India	Central Drug Research Institute (CDRI) Lucknow	National	Lucknow 23-25, October 1998
32.	National Seminar on Environmental Education its design and curriculum	S.B. Science College, Aurangabad	National	Aurangabad 14-15, November 1998
33.	National Seminar on Environmental Awareness and Natural Resource Conservation	Department of Environmental Science, Dr. B.A.M.University, Aurangabad.	National	Aurangabad. 25-27, December, 1998

34.	National Seminar on Environmental Awareness and Natural Resources Conservation	Department of Environmental Science, Dr. B.A .M.University, Aurangabad	National	Aurangabad. 25-27, December, 1998
35.	XX Annual Conference of ISCAP and Symposium on Environment and Human Health	Department of Environmental Science, Dr. B.A.M.University, Aurangabad	National	Aurangabad. 28-30, January1999
36.	Seminar on Higher education in new millennium: prospectus and problems	Dr. B.A.M.University, Teachers Association Aurangabad	National	Aurangabad. 27March 2000
37.	Workshop on Intellectual Property Rights and Patent Awareness	Dr. B.A.M.University, Aurangabad	National	Aurangabad. 23rdJune2000
38.	Workshop on Desertification in Cities	Indian Environmental Society, New Delhi	National	Aurangabad. 21-23, July, 2000
39.	70th Annual Conference of National Academy of Science	Allahabad University, Allahbad	National	Allahabad.3-6 November2000
40.	National Seminar on Zoology for 21stCentury	Department of Zoology, Goa University	National	Goa 7-9, December 2000
41.	Users Interaction Workshop on Potential Fishing Zone to Forecast Fishing Activities	Marine Research Laboratory of Dr. B.A.M.University	National	Ratnagiri, 4thNovember 2001
42.	National Conference on Frontiers in Biotechnological Aspects of Plants Sciences	Dr. B.A. M.University, Aurangabad	National	Aurangabad. 30-31, January2002
43.	National Conference on Living Resources for Bio-industries	Department of Zoology, Dr. B.A.M.University, Aurangabad	National	Aurangabad. 22-23, December 2001
44.	National Seminar on Paryavaran Saurakshan and Saunwardhan	Department of Environmental Science, Dr. B.A. M. University, Aurangabad	National	Aurangabad. 12th March, 2003
45.	National Conference on Urban Lakes	University Grants Commission, New Delhi	National	Vivek Vardhini College, Hyderabad. 5-6 April, 2003

46.	International Workshop on Urban Lakes Conservation and Management	Hyderabad Urban Development Authority (HUDA)	National	16th to 18th June, 2003 Silver Jubli Hall Public Gardens, Hyderabad
47.	National Symposium on Recent Trends in Biology and Biotechnology and 23rd Annual Session of the Academy of Environmental Biology	Department of Zoology, Shivaji University, Kolhapur and The Academy of Environmental Biology Lucknow	National	9 th to 11 th October, 2003. Kolhapur
48.	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	National	19 th and 20 th January, 2004
49.	International Workshop on Urban Lakes Conservation and Management	Hyderabad Urban Development Authority (HUDA)	National	16 th to 18th June, 2003 Silver Jubli Hall Public Gardens, Hyderabad
50.	Emerging pollutants: impact on-health, agriculture and environment	Department of Environmental Science Dr. B.A.M. University, Aurangabad	National	29 th to 31st January 2004
51.	National Conference on Wetlands Biodiversity	Dept. Zoology. St. Aloysius College, Elthuruth, in Asso. With Limno. Asso. Of Kerala and IAAB, Hyderabad. Trissure.	National	2nd to 3rd Feb 2006
52.	Workshop on "Hazardous waste management	Department of Environmental Science Dr. B.A.M. University, Aurangabad	National	28 & 29th March, 2007
53.	UGC Sponsored Regional Workshop	Intellectual property rights and patenting	National	23 rd October 2007
54.	National Seminar on "Current issues on Applied Zoology and Environmental Sciences with special reference to Eco-	Environmental Clearances and Procedures	National	Dec. 7 – 9th, 2007

	restoration and Management of Bio-resources: (SCIAZE)			
55.	National Conference on Advances in Pollution Control Technology	Department of Environmental Science Dr. B.A.M.University, Aurangabad	National	26th and 27th February 2008
56.	TQM: Role of Academic Staff College in Higher Education	UGC Academic Staff College Dr. B.A.M. University, Aurangabad	National	30th March 2008
57.	Illrd World Aqua Congress	Aqua Foundation, New Delhi	National	2 nd – 4 th Dec, 2009
58.	Avhan 2009 a State Level Disaster relief training camp	Dr. B.A.M.University, Aurangabad	National	9– 20 June, 2009
59.	National Conference on Natural Resource Management For Sustainable Development	School of Environment & Earth Science, North Maharashtra University, Jalgaon	National	1 st and 2 nd February, 2010
60.	National Level Seminar on Global Warming and Water Crisis	U.G.C Sponsored	National	11th– 12th March 2010
61.	Training Programme on understanding EIA from screening to decision making	Centre for Science and Environment, New Delhi	National	9– 13 August, 2010
62.	One day seminar on Environmental Compliance & Beyond	Environmental Management Centre, Aurangabad	National	3rd Sept. 2010
63.	One day training program on Environmental Impact Assessment	Environmental Management Centre	National	4rd Sept. 2010
64.	Recent Research Techniques in Zoology	Deogiri College Aurangabad	National	5th September, 2010
65.	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	National	22 nd & 23 rd January 2011

66.	Environmental Pollution and Management	Dept. of Civil Engg. Government College of Engineering, Aurangabad	National	28th& 29th January, 2011
67.	Two days work shop on Environmental Impact Assessment & Roles of Various subject Experts	Pollution control consultants Sd engineering services Pvt. Ltd. Aurangabad	National	9 th & 10 th July 2011
68.	National Conference on Environmental Surveillance for Natural Resource Management	School of Environment and Earth Science, North Maharashtra University, Jalgaon	National	9th& 10th January 2012
69.	National Seminar on Parasite fate into living system	Mahatma Gandhi Mahavidyalaya, Ahmedpur, Latur	National	24 th & 25 th August 2012
70.	National Conference on Current trends in chemical research	Vasantao Naik Mahavidyalaya, Aurangabad	National	30 th & 31 st August 2012
71.	National Conference on Recent Trends and Future prospects in life Science	Mahatma Gandhi Mahavidyalaya, Ahmedpur, Latur	National	27th& 28th December, 2012
72.	National Conference on Recent Trend and Future prospects in Biology Science	Maharashtra Udayagiri Mahavidyalaya, Udgir	National	18 th & 19 th January 2013
73.	National Conference on Global Environmental problems its impact& solutions	Netaji Subhash Chandra Bose Arts, Comm. & science college, Nanded	National	22 nd and 23 rd February 2013
74.	National Conference on Recent Trends in the Conservation of marine Biodiversity	The department of Zoology, Gokhale Education Society Arts, Com. & Sci. College Shreewardhan, Raigad	National	17 th & 18 th September 2014
75.	University-Industry Interaction Summit 2015 – talked on “Energy & Environment	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	National	29 th & 30 th October 2015

76.	Workshop on “Sanitation, Cleanliness & Personal Hygiene”	ICCS, Pune	National	2020
77.	National Conference on “Animal Physiology, Ecology and Symposium on Advances in Parasitology”	Dept. of Zoology, Dr. B. A. M. University, Aurangabad	National	January 2023

RESEARCH PUBLICATIONS DETAILS

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OTHER DETAILS

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, and Aurangabad.
- 10) Accompanying for the students excursion program since 1996.
- 11) 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.
- 12) Worked as affiliation committee member for several colleges.
- 13) Worked as a Member of Golden Jubilee celebration committee of Dr. B. A. M. University, Aurangabad.
- 14) Worked as a Member of Development Grant Utilization Committee in 2007.

- 15) Worked as presiding Officer in Assembly and Parliamentary election of Aurangabad district.
- 16) 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.

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'.

Linkages with Various Organizations :

1. Department of Environmental Studies, Masaryk University, Kktolarskabrno 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.
16. National Chemical Laboratory, Pune
17. CFTIR. Mysore (Karnataka).
18. Kuvaumpu University, Shimoga, (Karnataka).
19. National Environmental Engineering Research Institute, Nagpur.
20. University of Jammu, Jammu & Kashmir.
21. Dept of Biochemistry, University of Rajshahi, Bangladesh
22. Eastern University, Sri Lanka
