

BRIEF PROFILE
OF
Dr. ARUN VISHWANATH PARWATE

B.E (Civil Engg.), M.E, Ph.D.
MISTE, FIE, FIPHE, MIWWA, MIAEM

ACADEMIC QUALIFICATIONS:

Degree	Specialization	College	University	Year of Passing	Class
Ph.D.	Engineering & Technology (Civil Engineering).	V.N.I.T., Nagpur Maharashtra, India.	R. T. M. Nagpur University, Nagpur.	1998	Commended
M.E.	Civil Engineering (Environmental Engineering) By Research.	V.N.I.T., Nagpur Maharashtra, India.	R. T. M. Nagpur University, Nagpur,	1993	First
B.E.	Civil Engineering	Prof. Ram Meghe Institute of Technology & Research, Badnera, Amravati, Maharashtra, India.	S. G. B. Amravati University, Amravati.	1990	First

CAREER PROFILE

Total Experience: 28+ Years

- **Academic Experience** - **12+ Years**
- **Administrative experience** - **16 Years as a Principal in various Engineering Institutions**
- **Research Experience** - **06 Years**
- **Industry Experience** - **1 Year**

Position Held	Organization	Period	Nature of Duties
Principal	CK College of Engineering & Technology, Jayaram Nagar, Cuddalore. Tamil Nadu, India.	02/04/2012 to 15/10/2019	Academic and Administrative Management of the Institution and policy/decision making.
Principal	Erode Sengunthar Engineering College, Thudupathi, Erode, Tamil Nadu, India.	05/04/2010 to 31/03/2012	Academic and Administrative Management of the Institution and policy/decision making.
Principal	Hi-Tech Institute of Technology, Bajaj Nagar, Aurangabad, Maharashtra, India.	25/5/2009 to 27/3/2010	Academic and Administrative Management of the Institution and policy/decision making.
Professor & Principal	PGP College of Engineering and Technology, Namakkal, Tamil Nadu, India.	14/07/2008 to 23/05/2009	Academic and Administrative Management of the Institution and policy/decision making.
Principal	A.V.C. College of Engineering, Mayiladuthurai, Tamil Nadu, India.	26/08/2003 to 05/07/2008	Academic and Administrative Management of the Institution and policy/decision making & Teaching
Senior Lecturer in Civil Engineering Department	VYWS, Prof. Ram Meghe Institute of Technology & Research, Badnera - Amravati, Maharashtra, India.	25/09/1991 to 22/08/2003	Teaching at UG & PG level. And all the academic related work.
Lecturer in Civil Engineering Department	Shri Kisanji Giradkar Polytechnic Umred, Nagpur District, Maharashtra, India.	14/03/1991 to 16/07/1991	Teaching at diploma level students.
Site Engineer	Shree Builders, Congress Nagar, Amravati, Maharashtra, India.	15/01/1990 to 25/02/1991	Management of the site and supervision.

Topic of Research of M.E. (Civil), Environmental Engineering : -

“Legal Aspects of Environmental Pollution with Special Reference to India.”

Topic of Research of Ph. D. (Civil/Environmental Engineering) : -

“Utilisation of Alum Sludge and Recovery & Reuse of Alum Coagulant from the Sludge with reference to Water Treatment Plant.”

Supervisor and Place of Research :-

Dr. Anand G. Bhole

Retired Professor and H. O. D.

Department of Civil Engineering,

Visveswaraya National Institute of

Technology, Nagpur - 440010

Maharashtra, India.

COURSES TAUGHT

Course No. & Title	Level (UG/PG)	Number of Times
1) B. E. (Civil Engineering)		
Environmental Engineering – I	UG	16
Environmental Engineering – II	UG	13
Advanced Water Treatment	UG	08
Fluid Mechanics – I & II	UG	17
Hydrology & Irrigation Engg.-I	UG	02
2) M. E. (Environmental Engg.)		
Part – time course		
Environmental Science	PG	09
Environmental Sanitation	PG	09
Env. Policy & Law And Environmental Impact Assessment & Case Studies	PG	09
Advanced Water & Wastewater Treatment	PG	09

RECOGNITION AS SUPERVISOR

- Recognized as Supervisor by **Amravati University, Amravati Maharashtra**, to Guide Ph.D. Scholars in Civil Engineering Branch of specialization in Environmental Engineering Vide Order No: AU/551/102/2001 dated 04.06.2001
- Recognized as Supervisor by **Anna University, Chennai Tamil Nadu** to Guide Ph.D. Scholars in Civil Engineering Branch of specialization in Environmental Engineering Vide Letter No: 0026/Ph.D./Sup/AR 2/2003 dated 19.12.2003

RESEARCH SCHOLARS SUCCESSFULLY GUIDED

S. No.	Name	Title of Thesis	Level	Domain	Year of Completion
1.	Mr. S. B. Thakare	Removal of Fluoride by Adsorption.	PG (M.E)	Environmental Engineering	2002
2.	Mr. R. N. Nibudey	Removal of Fluoride by Nalgonda Technique.	PG (M.E)	Environmental Engineering	2002
3.	Mr. S. B. Thakare	Studies on Defluoridation of Water by Adsorption Process using Low-Cost Materials.	Ph.D.	Environmental Engineering	2006
4.	Mr. V. P. Sarode	Low Cost Technology for Defluoridation.	Ph.D.	Environmental Engineering	In Progress

Ph.D. THESIS EVALUATION

- 1) "Ergonomics Evaluation of Construction Activities" submitted by **Mr. O. S. Bihade**, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur (Ref. No: Ph.D. Cell / 603 dated 04.04.2012).
- 2) "Removal of Fluoride from water by using Adsorption process" submitted by **Mr. Devendra Pratap Singh**, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur (Ref. No: Ph.D. (Cell)/10, dated – 09.01.2012).
- 3) "Development of Innovative Method for Removal of Arsenic (III) from Groundwater by Low – Cost Adsorbents" submitted by **Mr. R. M. Dhoble**, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur (Ref. No: Ph.D. (Cell)/978 dated – 25.07.2012).
- 4) "Some Aspects of Disinfection of Drinking Water" Submitted by **Mr. Sunil B. Somani**, G. B. Amravati University, Amravati (Ref. No: AU/555/Ph.D./303/2013, dated. 21.02.2013).
- 5) "Studies on environmental aspects, performance evaluation and effectiveness of chlorinating agents in swimming pools and water parks" submitted by **Shri P.S.Lanjewar**, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur (Ref. No: Ph.D. (Cell)/10, dated – 10.07.2013).
- 6) "Process Analysis, System Performance and Efficiency Evaluation of Fluidized Bed Biofilm Reactor for Denitrification of Wastewater" submitted by **Mr. Satish P. Burghate**, S. G. B. Amravati University, Amravati (Ref. No: AU/555/Ph.D./2771/2014 dated 30.10.2014).

- 7) "Feasibility Analysis of Use of Waste Plastics in Concrete" submitted by **Mr. Ram Nana Nibudey**, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur (Ref. No: Ph.D. (Cell)/1561, dated 19.11.2014).
- 8) "Development of an Environmental Management System for an Indian Chemical Industry" submitted by **Mr. Arbind Pratap Singh**, Rashtrasant Tukadoji Maharaj Nagpur University, NAGPUR (Ref.No. Ph.D. Cell /972 dated 06/09/2014) and examined on dt. 09.03.2015
- 9) "Multi-objective Optimization for Scheduling Repetitive Construction Projects using Soft Computing Techniques" submitted by **Mr. Sanjay Dnyaneshwar Bhojar**, S. G. B. Amravati University, Amravati (Ref. No: AU/555/Ph.D./959/2015 dated 17.04.2015)
- 10) "Study of Some Aspects of Water Loss Management in Water Distribution System with Special Reference to Indian Conditions" Submitted by **Mr. Rajendra Rupraoji Dighade**, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur (Ref. No: Ph.D. (Cell)/1362 dated 27.06.2015).
- 11) "Properties of Self Compacting Concrete With Recycled Concrete Aggregates" Submitted by **Mr. Prashant Omprakash Modani**, S. G. B. Amravati University, Amravati (Ref. No: SGBAU/555/Ph.D./601/2016 dated 04.03.2016).
- 12) "Evaluation & Modeling of Traffic Congestion on Rural Road Network" Submitted by **Mr. Surendra R. Kukadapwar**, S. G. B. Amravati University, Amravati (Ref. No: SGBAU/555/Ph.D./2784/2016 dated 26.09.2016).
- 13) "Application of GIS Techniques in Finalizing the Canal Alignment and Canal Design" Submitted by **Mr. Ravirajsingh Gurjeetsingh Gabbi**, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur (Ref. No: RTMNU/Ph.D. Cell/2016/801 dated 26.12.2016).
- 14) "Soil Stabilization using Lime in Combination with Different Solid Waste Materials" Submitted by **Mr. Prasad Prakashrao Dahale**, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur (Ref. No: RTMNU / Ph.D (Cell) / 683 dated 25.10.2017).
- 15) "Experimental Investigation of Properties of Geo-polymer Concrete with Treated Sea Sand" Submitted by **Mr. Bhushan H. Shinde**, S. G. B. Amravati University, Amravati (Ref. No: SGBAU/555/Ph.D./63/201 dated 10.01.2018).
- 16) "Study of Early Age Shrinkage and Properties of Sustainable High Volume Fly Ash Mixtures" Submitted by **Mr. Gunavant Kashinath Kate**, Savitribai Pule Pune University, Pune (Ref. Letter No. PGS/401 dated 06.03.2019 and examined on dated 25.05.2019).

CONTINUING EDUCATION PROGRAMMES CONDUCTED

1. Organized Two-day National Seminar on “Recent Research in Bio-Inspired Computing for Electrical Engineering Applications” sponsored by AICTE with funding of Rs. 1,00,000/-.
2. Conducted, AICTE sponsored Two-day Workshop on “Multivariate Research Techniques in Management”.
3. CSIR sponsored National Seminar was conducted on “Recent Research Development in Mechanical Engineering”.
4. Conducted IEEE Sponsored Faculty Skill Development Programme on Research Methodology for all the faculty members and research Scholars.

INNOVATIVE PRACTICES ADOPTED AND SPECIAL EFFORTS TAKEN AS A PRINCIPAL

- Produced good results in the university examinations
- Measures to introduce few more new courses
- Arranged conferences/symposiums/seminars/workshops
- Encouraged/motivated faculty members to publish papers in research journals or present in conferences
- Encouraged faculty members to carry out research work/consultancy work
- Recruited qualified & experienced faculty
- Sign the MoU with many Government, MNC, Educational Institutions
- Getting an ISO certification
- Getting NBA accreditation for various courses
- Getting Institutional Accreditation by NAAC, Worked for Autonomous status
- Introduced various models/performance appraisal system to improve the teaching methods
- Measures to adopt “chalk less teaching or e-teaching” methodology
- Initiated to develop Computer based tutorials in all the departments for the students to enhance their self-learning skills.
- B.E / B.Tech. Students are insisted to do the in-house projects, in order to acquire a thorough knowledge about their title and to improve their project management skills guided by the department faculty members.
- To cater the requirement of the Industry, Training Programmes for the students in advanced level are being organized.
- Provided a conducive environment for the students by offering the Personality Development periods in their regular schedule. This facility concentrates on the group discussions, seminars and communication skills so as to improve the leadership qualities, the inter-personal skills and hence the soft skills.

- Students are allowed to access the Internet facility of the college to clarify their ideas regarding their project work and avail this opportunity to fix their career.
- Motivated the faculty members for offering classes on Content beyond the syllabus in their respective subjects.
- In order to make the students more proficient in the English language and prepare them to face in the interviews, lot of personality development programmes and communication improvement sessions were conducted at regular intervals by the local talents from the institution and outside experts belonging to Anna University and other corporate houses.

INNOVATIVE AND BEST PRACTICES ADOPTED

- 1) Signed MoU with prestigious ITESCIA University France for Student Exchange Programme.
- 2) Established Japanese Language Training Centre in the college premises.
- 3) Prepared the Institute and achieved Amber category in the best Industry Institute linkage by AICTE-CII Survey.
- 4) Received Rs. 13 Lakhs for department of ECE as grant-in-aid support from AICTE under MODROBS scheme.
- 5) Established LabView Research laboratory in association with National Instruments, Bangalore in ECE department.
- 6) Introduced Industry oriented Guest Lectures in every department to provide better practical exposure to the students.
- 7) Value Added courses are being organized to the students in all the department to give inputs on content beyond syllabus.
- 8) Implemented & strictly monitored The 4 Disciplines of Execution in line with management expectations (Wildly Important Goals, Lead Indicators, Compelling Score Card and Cadence of Accountability).
- 9) Students professional Associations are started in every department and organized various activities under this forum which enhances the employability skills of the students.
- 10) Organized various special lectures to the students from the foreign experts.
- 11) Motivated and guided the faculty members to publish papers in journal and Conferences.
- 12) MoU have been signed with various industries and all the efforts were taken to have best Industry interactions.
- 13) Established various students support Cells and Clubs which enables the students to expose their talents.
- 14) Established Entrepreneurship Development Cell in the Institution, organized various activities, for the students to become successful entrepreneur.
- 15) Established Training & Placement Cell which enhances the students' employability skills and thereby achieved 100% Placement for all the eligible students.
- 16) Communication Skill Development classes were conducted for the students and improved their confidence level and language.

- 17) Established Alumni Association and registered Under Section 10 of The Tamil Nadu Act, 1975 (Tamil Nadu Act 27 of 1975) and conducted various students development programmes.
- 18) Motivated the students through Students Innovation Club in order to convert their creative ideas in to innovative projects, write technical papers and present the same in various technical symposiums and conferences.
- 19) Various Innovative Practices like Energy Audit, Projects on Renewable Energy, etc., adopted and created energy consciousness among students.
- 20) Introduced the online courses and motivated the faculty members to pursue the on-line courses offered by various reputed Indian and abroad universities for enhancing their technical skills.
- 21) Introduced the following **Two Best Practices** to link the gap between Academics and the Industry:

Best Practice 1: Industrial Practical Knowledge Training (IPKT)

A unique and rare opportunity provided to students to learn the theoretical concepts practically. The objectives of IPKT are listed below:

- To provide excellent opportunity to the students to know the various processes and the equipment's working in the industry.
- To give an overview about the industrial working environment to the students and to correlate the theoretical knowledge gained from the curriculum with industry practices.
- To make students to understand about the intra and inter departments linkages within the organization and behavioral aspects within an organization.

Best Practice 2: Work Along Programme (WAP)

Work Along Programme (WAP) is related to industrial on-job training where the component of learning that focuses on the application of theory in an authentic industrial context. The objectives of WAP are summarized below:

- To provide opportunities for students to apply what they have learnt at the Institute and to provide on-the-job training and real-life job experience, making them more employment ready.
- To equip students with the knowledge of real time product development cycle, necessary soft skills and contextualized learning experience.
- To expose the students to practice in their field of specialization in the relevant industry and to understand the roles and responsibilities in the profession.

- 22) Obtained the Institutional Accreditation by National Assessment and Accreditation Council (NAAC). Prepared the Self Study Report (SSR) of the Institution & all the other necessary documents with at most care and achieved the 'B' Grade.

CONTRIBUTION IN RELEVANT AREAS IN HIGHER EDUCATION

	Organization	Area of Specialization
Resource Person	Delivered Lectures in various Institutions	Environmental pollution awareness & Accreditation
Others (Specify)	Journal of Engineering Technology and Management Science	Professional Consultant
	Engineering Today	Associate Editor
	The Technology World	Technical Reporter
	Technology Today	Technical Editor

OTHER CONTRIBUTIONS FOR THE BETTERMENT OF THE INSTITUTION

- Set up of full-fledged Environmental Engineering Laboratory for P.G. course in Prof. Ram Meghe Institute of Technology & Research, Badnera, Amravati.
- Played an active role in organizing the National Seminar on “Operation and Maintenance of Water Supply Scheme” at Amravati, Maharashtra, India between 25-26 December 1999 organized by Indian Water Works Association, Amravati Centre.
- Organised one day Workshop on “Fluoride Problems and Solution”, dt. 3rd March 2001, by Indian Water Works Association, Amravati Centre, Amravati, Maharashtra, India.
- Joint organizing secretary for All India Seminar on “Challenges in Environmental Protection and Possible Solutions” held between 11-12 January 2003, Organized by the Institution of Engineers (India), Amravati Centre, Maharashtra, India.
- Elected as Divisional Convenor of I. E (I), Amravati local centre in Environmental Engineering Division.
- Technical Editor of Technology Today in Association with Engineering Today Sdn. Bhd. (ISSN: 2180 – 0987).
- Associate Editor in Engineering Today (ISSN: 2180 – 0995).
- Consulting Editor for Journal of Engineering Technological Research (ISSN: 2229 – 9262).

- Professional Consultant for Journal of Engineering Technology & Management Science (ISSN: 2229 – 9254).
- Technical Reporter for Technological World in association with Engineering Today Sdn. Bhd. (ISSN: 2180 – 1614).
- Co-ordinator of 3 day National Level Workshop on “Tsunami Rehabilitation” organised by AVCCE, ISDR, CGSI-IAPSO in A.V.C. College of Engineering, Mannampandal, Mayiladuthurai, Tamilnadu, India, between 8-10 April 2005.
- Started Tsunami Resource Centre in AVCCE. This centre was a Joint initiative of AVC College of Engineering & ISDR Supported by IAPSO-CGSI, other institutions also joined and provided the various resources & services to this centre. The centre was inaugurated on 08.04.2005 at AVC College of Engineering and centre was functioned effectively under my leadership as an overall Coordinator.
- Acting as an Editorial Board Member of International Journal of Research Engineering, Science & Technologies

VISION AND PLAN IN SHAPING PROFESSIONAL INSTITUTION

VISION

- To make the Institute, centre of technical excellence while striving for upliftment of local population through use of latest technical means in their businesses and professions.
- To give equal opportunity to all for higher standard of living.
- To bring out not mere engineering graduates from college but true engineers who will be absorbed fully by companies in campus interviews.
- To encourage environment friendly technical research for the sustainable development.

PLAN

- To get recognition from AICTE & Institution of Engineers (I) for all courses
- To get Accreditation from National Assessment and Accreditation Council (NAAC) with Highest Grade
- To get Accreditation from National Board of Accreditation (NBA) for all the Eligible courses
- To get Autonomous Status for the Institution.
- Finally, to obtain Deemed to be University Status.

COUNTRIES VISITED FOR ACADEMIC INTERACTION

S. No.	Name of the Country & City	Organization/ University Visited	Nature of duty	Period
1.	Malaysia, Kuala Lumpur	Society of Engineers & Technicians	Presented a Research Paper entitled "Analysis of Public Awareness and Participation in Solid Waste Management"	11-12 March 2017
2.	Singapore, Water Hub	Ultrapure Water Asia	Presented a Research Paper entitled "Feasibility Studies For Alum Recovery From Sludge"	06-08 September 2006
3.	Germany, Bonn	University of Bonn	Presented a Research Paper in International conference on Global Environment Change.	09-13 October 2005

MoUS FORMULATED FOR ACADEMIC COLLABORATIONS

S.No	MoUs Formulated	Name of Agencies / Department Involved	Year of MoU
1	Academic & Research Collaborations	BRUNEL UNIVERSITY, LONDON, UK.	2018
2	Student Exchange Programme	ITESCIA UNIVERSITY, FRANCE.	2014
3	Lab View Research Laboratory	NATIONAL INSTRUMENTS, BANGALORE.	2012

SPONSORED RESEARCH PROJECTS UNDERTAKEN

Sponsoring Agency	Title of Project	Duration of Project	Amount of grant (Rupees)	Period
Tamil Nadu State Council for Science & Tech (TNSCST)	Dissemination of Innovative Technology - Solar Pumping program for irrigation water	1 Year	50,000/-	2017
The Institution of Engineers (India) -R&D Cell	Experimental Studies of Corrosion Inhibitors on Concrete	6 Months	25,000/-	Jan' 16 to Jun' 16
All India Council for Technical Education	MODROBS for Communication Systems Lab	1 Year	13,00,000/-	2013
Tamil Nadu State Council for Science & Technology (TNSCST)	A Study on Impact of Activity Based Learning (ABL) Education System Related to Govt. Schools at Cuddalore. Dt	1 Year	20,000/-	2015

ESTABLISHMENT OF TBI PROJECTS

S. No.	Title	Sponsor Name	Duration	Amount of Grant (Rupees)	Role
1.	Atal Tinkering Laboratory for CK School of Practical Knowledge, Cuddalore.	Atal Innovation Mission	5 Years	10 Lakhs	Guidance and Mentoring

INDUSTRIAL CONSULTING EXPERIENCE

S. No.	Client / Organization	Nature of Assignments	Duration of Assignment
1	Various Civil Contractors, Builders, Government and Private Firms.	Testing of Construction Materials in Civil Engineering Laboratories.	2015 to 2018

HONORS AND AWARDS FOR OUTSTANDING WORK

S. No.	Name of the Award	Category	Awarded by	Year of Award
1	Exceptional Innovative Technological Scientific Research & Dedicated Best Principal Award	Honorary	Engineering Today & Society of Engineers & Technicians, Kuala Lumpur, Malaysia.	2017
2	Dr. APJ Abdul Kalam Life Time Achievement National Award	Honorary	International Institute for Social & Economic Reforms, Bengaluru, India.	2018

MEMBERSHIP IN PROFESSIONAL BODIES

Sl. No.	Name of the Society	Nature of Membership	Membership Number
1	Indian Water Works Association (IWWA)	Life Membership	LM002268
2	Institution of Engineers (I) Calcutta	Life Fellowship	LF - 125741-9
3	Indian Society for Technical Education (ISTE)	Life Membership	LM 12305
4	Indian Association of Environmental Management (IAEM)	Life Membership	LM 1501
5	Institution of Public Health Engineers, India (IPHE)	Life Fellowship	LF 651
6	Life Member of the Journal of Pradhushan Nirmulan	Life Membership	LM 20036
7	Fellow in Indian Society of Civil Engineers	Life Membership	FISCE17022002
8	Professional Engineers Registration in Civil Engineering - P. Eng.	Life Membership	Reg. No.: 201701121001

CONTRIBUTION TO JOURNALS AND BOOKS

Editorship

- Associate Editor for “Dream Earth Publication, Yavatmal, Maharashtra”.
- Editorial Board Member for “International Journal of Research, Engineering Science & Technologies”.
- Associate Editor for “Engineers Today”.

Peer Reviewer for Journals

- Technical Reporter for The Technology World
- Technical Editor for Technology Today

Member of the International Advisory Board

- Professional Consultant for Journal of Engineering Technology & Management Science

PROFESSIONAL TRAINING RECEIVED

Year	Nature of Training	Duration	Organization where training was provided
2018	International Interdisciplinary Symposium on “Innovative and Research Intensive Teaching in Higher Education – A Global Perspective”	04.08.2018	Brunel Business School, Brunel University, UK.
2017	Informal Learning Programme (ILP) in Students Counselling	Six Month distance mode certified course	Coimbatore Psychology Foundation, Coimbatore, TamilNadu
2016	A Two day Faculty Development Programme entitled “Emotional Intelligence through NLP”	21.06.16 & 22.06.16	CK College of Engineering & Technology, Cuddalore
2015	First Indian Engineering Dean’s Council Global Summit on “Engineering Education – Current Scenario & Future Prospects”	31.07.15 & 01.08.15	GRT Grand Convention Centre, Chennai, Organized by Indian Society for Technical Education, New Delhi
2015	Informal Learning Programme (ILP) in Administrative Psychology	Six Month distance mode certified course	Coimbatore Psychology Foundation, Coimbatore, TamilNadu

2015	One Day Workshop on “Unleash Your Power of Charismatic Leadership through NLP”	19.06.15	CK College of Engineering & Technology, Cuddalore
2013	National Programme on Technology Enhanced Learning	20.09.2013	Indian Institute of Technology, (IIT), Madras
2013	One day Workshop on “Leadership Qualities”	06.06.13	CK College of Engineering & Technology, Cuddalore
2011	Academic Leadership Workshop for Principals of Engineering Colleges	26.07.2011 to 29.07.2011	WIPRO Technology Campus, Chennai
2010	Effective Teaching Techniques and Stress Management	09.01.2010 & 10.01.2010	Hi-Tech Institute of Technology, Aurangabad, Maharashtra
2008	Executive Development Programme to Enhance the Leadership Skill	12.01.2008 to 17.01.2008	Association of Indian College Principal’s in University of Pune, Maharashtra
2003	Short Term Training Programme of Treatment of Water and Waste Water	07.07.2003 To 18.07.2003	Periyar Maniammai College of Technology for Women, Thanjavur, Tamil Nadu.

RESEARCH PUBLICATIONS OF Dr. ARUN V. PARWATE

Research Papers Published in International Journals	08	52
Research Papers Published in National Journals	44	
Papers presented/published in International Conferences	15	50
Papers presented/published in National Conferences	35	
Total Publications		102

RESEARCH PAPER PUBLISHED IN INTERNATIONAL JOURNALS:

1. "Sorption: A Low – Cost Technology for the Treatment of Wastewater - State of the Art", Water Resources Journal, Bangkok, Thailand, June 2001, Page No. : 38 – 47.
2. "Uptake of Nickel from Aqueous Solution by Adsorption Using Low Cost Adsorbents" Journal of Pollution Research, (2001), Vol. 20, No. 04, Page No. : 669-675.
3. "Removal of Cr⁶⁺ and Ni²⁺ from Aqueous Solution using Bagasse and Fly Ash" Journal of Waste Management, U. K., (2002), 22:11:821-830.
4. "Performance of Low-Cost Adsorbents for the Removal of Copper and Lead using Low-Cost Adsorbent Materials". Journal of Water Supply: Research and Technology – AQUA, (2003), 52.1, PP: 49-58.
5. "COD reduction studies of paper mill effluent using a batch recirculation electrochemical method" is published in Polish Journal of Chemical Technology, 13, 3, 37- 41, 2011, 10.2478 / v10026-011-0034-5.
6. "Mapping of Mangrove Cover and Creation of Spectral Library for Pichavaram mangroves in Tamil Nadu", International Journal of Research in Engineering Science and Technologies (IJRESTs), Vol. 1, No. 6, September 2015.
7. "Biological Treatment of Combined Municipal & Tannery Effluent" International Journal of Research in Engineering Science & Technologies (IJRESTs), Vol. 3, No. 3, May 2017.
8. "A Study of Behavior of Black Cotton Soil with Glass Powder and Saw Dust" International Journal of Research in Engineering Science & Technologies (IJRESTs), Vol. 3, No. 3, May 2017.

RESEARCH PAPER PUBLISHED IN NATIONAL JOURNALS:

1. "Sorption of Hexavalent Chromium from Aqueous Solution using low - Cost Adsorbents" Journal of Environmental Pollution Control, (2000), Vol. 4, No. 1, PP. 28 -34.
2. "Noise Pollution, Its Implications and Control", Journal of Environmental Pollution Control, (2001), Vol. 4, No. 3, PP. 06-15.
3. "Competitive Adsorption of Cr⁶⁺ and Ni²⁺ from Aqueous Solution using Low – Cost Adsorbents" Journal of Environmental Pollution Control, (2001), Vol. 4, No. 4, PP. 50 -57.
4. "Environmental Education for Sustainable Development", Indian Journal of Environmental Protection, Varanasi. (2001), Vol. 21, No. 5, PP. 470-474.

5. "Adsorption Kinetics of Copper and Lead using Bagasse & Fly Ash as Low – Cost Adsorbents" (2001), Vol. 04, No. 01, PP. 11-19. Journal. of Environmental Studies and Policy (TERI), New – Delhi.
6. "Utilization of Low-Cost Adsorbents for the Removal of Heavy Metals from Wastewater – A Review" Journal of Environmental Pollution Control, (2002), Vol. 5, No. 4, PP. 12-23.
7. "Study for Recovery of Alum from Aluminium Hydroxide Sludge" Indian Journal of Environmental Protection, Varanasi. (2001), Vol. 21, No. 12, PP. 1097-1104.
8. "Process Development for the Removal of Copper & Lead from Aqueous Solution using Low – Cost Materials" Indian Journal of Environmental Protection, Varanasi. (2002), Vol. 22, No. 01, PP. 17-25.
9. "Utilization of Alum and Recovery of Alum from Aluminum Hydroxide Sludge – A Review" Jour. of Environmental Pollution Control, (2002), Vol. 5, No. 5.
10. "Adsorption Studies for the Removal of Organics and Heavy Metals using Low-Cost Materials – A Critical Review" Journal of Environmental Pollution Control, (2003), Vol. 6, No. 2, PP. 30-41.
11. "Application of the Inexpensive Adsorbents for the Removal of Heavy Metals from Industrial Wastewater – A Brief Review" Journal of Industrial Pollution Control, (01) (2003) PP. 114-134.
12. "Relative Evaluation of Some Natural Coagulants in the Process of Flocculation – A critical Review". Journal of Environmental Pollution control (2003), Vol 6, No 5 PP:51-60
13. "Heavy Metals Removal by Adsorption using Bagasse and Modification to Helfferich Model". Journal of Environmental Pollution Control (2003), vol:6, No:4, PP:6-13.
14. "Sustainable Technologies and Environmental Management options", Journal of Environmental Pollution Control, (2005), Vol. 09, No. 01, PP. 36-43.
15. "Deterioration of Ground Water Quality in Akola City of Vidharba Region" Journal of Environmental Pollution Control (2005), vol:8, No:6, PP: 46-52.
16. "Batch Studies of Water Defluoridation using Bark of Sapindus trifoliatius" Journal of Ecology Environment & Conservation (2005), vol: 11, No: 3-4, PP: 511-515.
17. "Status of Fluoride and Study of Endemic Fluorosis – An Overview" Journal of Environmental Pollution Control (2006), vol: 9, No: 03, PP: 23-33.

18. "Alum Recovery from Water Treatment Plant Sludge, A State of Art." Journal of the Institution of Public Health Engineers India. (1997), 04:10-12:49.
19. "Legislation on Environmental Protection in India." Journal of Indian Association for Environmental Management, (1998), Vol. 25, No. 2, Page 104.
20. "Treatment of Diary Waste". Journal of the Institution of Public Health Engineers India. (1998), 04:10-12:13.
21. "Study of Some Aspects in Saline Tract of Purna River Basin" Journal of the Institution of Public Health Engineers India. (1999), 03:07-09:21.
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