

CURRICULUM VITAE

Dr. Narendra Kanhe



Qualifications : Ph.D. (Civil Engg.) – Awarded in 2004 – Visvesvaraya National Institute of Technology, Nagpur
M.E. (Civil Engg.) – Awarded in 1998 – Visvesvaraya National Institute of Technology, Nagpur
B.E. (Civil Engg.) – Awarded in 1991 – Govt. College of Engg., Amravati

Present Position : Principal, Bajaj Institute of Technology, Wardha

Professional Experience Summary :

Total : 26 Years and 10 Months.

(Teaching, Administrative, Industrial & Research)

S.No.	Experience	Years and Months
1	Approved Teaching and Administrative Experience	19 Years 10 months (Including 7 years as Professor and Principal)
2	As a Dean (Administrative)	1 Year and 2 Months
3	Industrial Experience	2 Years and 6 Months
4	Research Experience	3 Years, 11.5 Months

Professional ExperienceDetails :

Manager / Sr. Manager, Industrial Project Engineering Division, Enviro Techno Consult, Nagpur , From 1st June' 1991 to 15th July 1992.
(Industrial Experience : 1 Year 1 Month and 15 days)

CPHEEO Research Fellow, Visvesvaraya Regional College of Engineering, (Now VNIT), from 17th July 1992 to 20th March 1995. (Research experience : 2 Years 8 Months and 5 days)

Project Fellow, Director's Research Division, NEERI, Nagpur
From 21st March'95 to 1st July'96 (Research Experience 1, 3 Months and 10 days)

Senior Manager, Industrial Project Engineering Division, Enviro Techno Consult Nagpur, From 3rd July'96 to 15 November'97
(Industrial Experience : 1 Year, 4 Months and 13 days)

Lecturer in Civil Engineering, Shiksha Mandal Wardha's Acharya Shrimannarayan Polytechnic, Wardha (Govt. Aided Polytechnic) From 21st November '97 – 31st August'2006 (Approved Teaching Experience: 8 years, 9 Months and 10 days : Post was approved by DTE and BTE, Mumbai)

Asstt. Prof. in Civil Engg., G. H. Raisoni College of Engg., Nagpur
(Designated Professor, Approved Assistant Professor as per Vth pay commision)
From 2nd September'2006 – 23rd April 2010 (Approved Teaching Experience : 3 Years, 6 Months and 21 days)

Professor in Civil Engg. & Principal, Guru Nanak Institute of Technology (previously Guru Nanak Institute of Engineering and Management), Katol Road Nagpur, from 24th April'2010 to till date. (Approved Experience : 6 years,and 1 Month)

Dean, School of Engineering and Technology, G. H. Raisoni University , Disst. Chhindwara, M.P., from 1st June'2016 to 25th July'2017. (1 Year & 1 Month)

Presentations and Publications :

17 Research Papers in International Journals
1 Research Paper at International Conference Abroad
2 Research papers at International Conference in India
8 Research Papers at National Conferences
3 Research papers in National Journal

Intellectual Property Rights (Patents) :

7 Patents registered and under examination in the field of Energy, Environment and Hydraulics field have been registered. All the patents are under examination. Reports have been received and the response to the queries raised by the examiners have been sent.

Memberships LMISTE (No. 40208) LFIWWA (M10024), MICI(I), Rotary Club

Foreign University Visits :

Visited Ohio State, United States of America for the vocational and cultural exchange as a Group Study Exchange program team Member, sponsored by Rotary International, from 29th April' 2006 to 7th June' 2006

Visited, Studied and Interacted with faculties at Ohio State University, Columbus, Ohio, U.S.A. & Ohio University, Athens, Ohio, U.S.A.

Visited, Hohai University, Nanjing, China for the International Conference paper presentation and guest lecture.

Visited Lamar University, Texas, USA in August 2013 for academic and research collaborations.

Awards :

National Award of Best Lecture delivered at Indian Water Works Association Nagpur Centre, at 45th Annual Convention of IWWA, at Chennai.

Best Faculty Participant in Faculty Development Program at **GHRCE., Nagpur** Organised by Vidula Consultancy, Kolkata

Best Engineering Institution Principal Award by Time Now, at New Delhi.

Approved Supervisor for Ph.D. / M. E. / M. Tech.

Approved Supervisor of Civil Engineering – Nagpur University and G H Raisonni University. 4 Candidates have been awarded Ph D under my supervision, 2 candidates have submitted their thesis to the University and 1 has completed the work under RTMNU. At G H Raisonni University, 6 candidates are pursuing their research for Ph.D.

Skill Development Workshops Conducted :

Organized and delivered following skills development workshops :

1. Materials testing in Civil Engg.
2. Surveying through Total Station
3. Presentation of the projects
4. Communication and presentation skills
5. Power point presentations skills
6. Winning people by your etiquette, mannerisms and body language

Special Assignment / Project Completed :

Was an Organizing President of "Inspire Awards", Maharashtra State Level Science Models Exhibition and competition in the Institute in which 1050 students from all over Maharashtra participated. (Under Director of Science and Technology, Govt. of India Mission)

Later the selected students for National competition were also guided for improvement in their projects.

Extra – Curricular Activities:

- Was a Secretary for Debating and Cultural Activities at Govt. College of Engg. , Amravati, in the academic year 1989-90.
- Represented school in Inter-school Cricket and Table Tennis Tournaments
- Founder of NGO “Saral - Manohar” which conducts activities in the field of social, community and cultural fields.
- Professional singer of Marathi and Hindi filmy/non filmy songs and compeer the formal and cultural programs.
- Conduct Environment Awareness Camps
- Secretary Elect of Rotary Club of Nagpur West
- Was A Group Study Exchange Programme Team Member of Rotary International to RI District 6690, Columbus Ohio, USA, in 2006.
- Was a Care Taker Rotarian of Rotaract Clubs of GHRCE Fort, Rotaract Club of GNIEM.
- Conduct Mock Interviews and Personality Development workshops for Students
- Career guidance and Counselling to Students is expert area.
- Guided around 5000 12th standard students for careers.

Annexures of Detailed Information

Faculty Development Programs as Participant:

- (i) Induction Phase – I (4 Weeks) at Govt. Polytechnic, Nagpur – 7th May 1998 to 31st May’98
- (ii) Training on “Wastewater treatment” (1 week) at Govt. Polytechnic, Nagpur 1/02 /99 to 06/02/99
- (iii) Computer Training on AutoCAD 2000 (2 weeks) at Govt. Polytechnic, Nagpur 06/08/2001 to 18/08/2001
- (iv) Training Program on “Applications of Intranet and Internet” (2 weeks) at Govt. Polytechnic, Nagpur 27 /05/02 to 07/06/02
- (v) Training Program on “Ground Water Engineering” (2 weeks) at Govt. Polytechnic, Nagpur 16 /06/03 to 17/06/03
- (vi) Training program on “Development of Generic Skills” (1 week) sponsored by MSBTE and organized by Shri DattaMeghe Polytechnic, Nagpur, 27/01/04 to 31/01/04
- (vii) Training program on “Communication Skills & Development of Generic Skills” (2 weeks) sponsored by ISTE and organized by Acharya Shrimannarayan Polytechnic, Wardha, 15/03/04 to 27/03/04
- (viii) Training program on “Development of Generic Skills- Module I” (1 week) sponsored by MSBTE and organized by KIDS, Nagpur, 28/10/04 to 06/11/04
- (ix) Training program on “Development of Generic Skills- Module II” (2 weeks) sponsored by MSBTE and organized by G. H. Raisonni Group of Institutions Nagpur, 22/08/05 to 03/09/05
- (x) Faculty Development Program at G. H. Raisonni College of Engineering, organized by Vidula Consultancy. Kolkata, from 07-11-2006 to 09-11-2006.
- (xi) Training program on “Converting Creative Academics into Intellectual Property” at G. H. Raisonni College of Engg., Nagpur, 06-03-2007 to 07-03-2007 .

R & D Projects Carried out:

- (i) Water Treatment aspects such as Tube Settlers, Sludge Blanket Clarifier etc. during M.E. (June 1992 to March 1995)
- (ii) Feasibility studies for treatment of Textile Industries Wastewater for Common Effluent Treatment Plant at Pali Rajasthan (At NEERI – 21st March'95 to 1st July'96)
- (iii) Treatability Studies on Sewage for the design of Sewage Treatment Plant at Regional Research Laboratory Bhuvaneshwar. (At NEERI – 21st March'95 to 1st July'96)
- (iv) Planning of Effluent treatment Plants at Anoopshahar and Ghoshi Distilleries, Uttar Pradesh (At NEERI – 21st March'95 to 1st July'96)
- (v) Research on Defluoridation Technologies to be adopted under Rajiv Gandhi Drinking Water Mission. (During July'96 to October'97 as a part of activity by employer Kleen Air Systems Pvt. Ltd., Pune))
- (vi) Upgradation of Effluent Treatment Plants at M/s. Indorama Synthetics (I) Ltd., DCL Polysters Ltd. (During July'96 to October'97)
- (vii) Treatability studies for the treatment of Industrial Wastewater at M/s. Chemfields Ltd. (During July'96 to October'97)
- (viii) Upgradation of Effluent Treatment Plant at M/s. Woolworth India Ltd., at Malda, West Bengal. (During July'96 to October'97)
- (ix) Feasibility studies for treating the wastewater of M/s. Bakemans Ltd., Nagpur. (During July'96 to October'97)
- (x) Estimation of Biogas Potential in India through Anaerobic Digestion of Industrial Wastewater. (For Ph. D. Work January 1999 to January 2000)
- (xi) Pilot Plant studies for treatment of distillery wastewater, sugar & dairy Industry.

Conferences / Seminars Attended:

- (i) 27th Annual Convention of Indian Waterworks Association, Indore, January 1994
- (ii) International Conference on "Geo-environmental Reclamation", organised by International Society for Geo-environmental Reclamation, and RKNEC at Nagpur, 20 – 22 November, 2000
- (iii) National Conference on "Industrial Pollution Control", at Visvesvaraya National Institute of Technology, Nagpur, 2 -3 March 2002
- (iv) All India Seminar on "Recent Trends in Automotive fuels – quality Improvements and Alternatives", organized by Institution of Engineers (India), Nagpur, 23 – 24 August, 2002
- (v) 35th Mid-term Symposium of Electronics and Telecommunication Engineers and National Conference on Bioinformatics, 3-4 April'2003 Nagpur.,
- (vi) National Conference, at International Development Centre, New Delhi, 28-29 April 2005
- (vii) 22nd National Convention of Environmental Engineers and **National Conference** on Rainwater Harvesting, Institution of Engineers (I), Nagpur, 11 – 12 November 2006
- (viii) 11th International Conference on Geotechnical Engineering in Disaster Mitigation & Rehabilitation (GEDMAR'08) **in Nanjing, China**, 29th May to 2nd June'2008.
- (ix) 49th Annual Convention of Indian Water Works Association, 19th to 21st January'2017.

Invited Lectures / Seminars / Organisation of Training Program

- (i) Worked as a Co-ordinator of AICTE – ISTE sponsored STTP on “Communication Skills and Development of Generic Skills”, at A. S. Polytechnic, PipriWardha from 15/03/2004 to 27/03/2004
- (ii) Worked as an expert faculty for the AICTE – ISTE sponsored STTP on “future Energy” at Govt. Polytechnic, Yavatmal 06/12/2004 to 17/12/2004
- (iii) Expert Resource Person at MahaGenCo, KTPS, Koradi at Training Program for Civil Engineers on “Environmental Issues and Civil Engineering”, 25/04/2007
- (iv) Lecture at Institution of Engineers on “Biogas Generation Through Anaerobic Digestion of Agrobased Industrial Wastewater”, 14 July’ 2001
- (v) “Teacher in You” programm Resource person in the district of Chhindwara, to train the higher secondary school teachers (Indirect branding activity for engineering admissions)
- (vi) Expert judge at state level Science Drama competition, Maharashtra State.
- (vii) Invited as Judge for the Skit Competition at NEERI, Nagpur at “World Water Day”

Administrative Experience :

Major Administrative Experiences :

Principal of GNIT (GNIEM) for 6 Years

Dean of School of Engineering and Technology – For @ 1 year

M Tech Course Coordinator At GHRCE Nagpur

Distance Engineering Education Program coordinator in collaboration with IIT Mumbai at GHRCE for 3 Years.

- (ii) P. G. Coordinator for M.Tech. course in Environmental Engg. at GHRCE, 2008 -09
- (iii) Civil Engineering Forum In-charge 2006 -07
- (iv) Member, Networking Committee 2006 -07
- (iv) Institute Coordinator, NBA work at A. S. Polytechnic, Wardha and at GHRCE, Nagpur
- (v) Coordinator, AICTE – ISTE two weeks STTP on “Communication Skills and Development of Generic Skills”, 14 – 26th March’2004.
- (vi) Coordinator, Continuing Education Programs 2007 – 08, 08 – 09
- (vii) Training and placement Cell Civil Engg. Dept. Coordinator, 08 – 09
- (viii) Teacher Guardian for Ist year, 07-08, 08 – 09.

Major Contribution for Institution Development at GNIT (GNIEM)

- All Departments Laboratory Development
- Bringing quality teaching staff and trained non-teaching staff to the Institute
- Planning of Instructional areas.
- Industry Institute Interaction
- Branding the name of the Institute by conducting many activities and publicity to those.
- Staff development programs
- Co-curricular and extra-curricular activities for students development
- Practical training facilities to students
- Career guidance seminars to 12th standard students
- Personal counselling to students for getting good admissions to the Institute
- GATE coaching and other competitive exams coaching for students

- Facilitated many faculties for Ph D work.
- Good R & D and practical oriented projects initiated
- Scrupulous planning of Teaching – Learning process in the Institute
- State Level Inspire Awards exhibition conducted in which 1000 students from all over Maharashtra State participated which gave name and fame to the Institute.
- Dealing with various LEC Committees and DTE inspection committees.

Responsibilities as a Dean at G H Rasoni University

- Preparation of Statutes, Ordinances and Regulations for the University
- Presentation of these to M P Private Universities Regulatory Commission, Bhopal
- Preparation of University's own Teaching and Examination Scheme for Engineering for B Tech, M Tech courses and for Ph. D.
- Formation of Advisory Board, Board of Management and Board of Studies.
- I am Chairman of all Board of Studies in Engineering
- Periodical calling and conduction of meeting of all regulatory bodies.
- M Tech classes conduction
- I am also Dean of Academics and doing work of Registrar of the University.
- Development of Laboratories is in progress.
- Started Ph. D. Programme in Engineering, conducted Level 1 and Level 2 entrance exams, and right now conducting Research Methodology Workshop for the successful candidates.
- Gave presentations to M P Regulatory Commission committee and now preparing the consolidated report for submission to the University Grants Commission.
- Prepared and submitted proposals for Architecture, Pharmacy and Law courses.
- Complete scheme of Civil And Mechanical Engineering is completed and obtained approval from Board of studies and Academic Council.
- Two Research proposals have been submitted to M P State Govt.

Annexure A1

Intellectual Property Rights (Patents Registered as Joint Investigator)

1.Title of Invention : Method for efficient regeneration of energy using the potential energy of wastewater in high-rise buildings

Application Number : 2029/MUM?2009A

Application Date : 04/09/2009 Published Date : 22/01/2010

International classification : F03B15/00

2. Title of Invention : Improved Aqueduct Structure

Application Number : 404/MUM?2010 A

Application Date : 15/02/2010 Published Date : 25/06/2010

International classification : E02B1/00

3. Title of Invention : Integrated Design for Anti-Seismic Arrangement provision in Aqueduct

Application Number : 405/MUM/2010 A

Application Date : 15/02/2010 Published Date : 25/06/2010

International classification : E02B1/00

4.Title of Invention : Integrated Design for Anti-Buoyancy Arrangement provision in Aqueduct

Application Number : 406/MUM/2010 A

Application Date : 15/02/2010 Published Date : 25/06/2010

International classification : E02B1/00, E02B13/00

5. Title of Invention : Harvesting of energy associated with water stored in overhead tanks

Application Number : 477/MUM/2011 A

Application Date : 21/02/2011 Published Date : 20/05/2011

International classification : F03B1/00

6. Title of Invention : Joint for Aqueduct Trough

Application Number : 886/MUM/2012 A

Application Date : 28/03/2012 Published Date : 04/05/2012

International classification : A01D18/00, E02D19/06

7. Title of Invention : A Solar electrolysis method for removing soluble impurities of water in hand pump

Application Number : 2991/MUM/2012 A

Application Date : 11/10/2012 Published Date : 30/11/2012

International classification : c02f1/14, c02f13/461

Annexure A2

R & D Projects Carried out:

- (i) Water Treatment aspects such as Tube Settlers, Sludge Blanket Clarifier etc. during M.E. (June 1992 to March 1995)
- (ii) Feasibility studies for treatment of Textile Industries Wastewater for Common Effluent Treatment Plant at Pali Rajasthan (At NEERI – 21st Mar'95 to 1st July'96)
- (iii) Treatability Studies on Sewage for the design of Sewage Treatment Plant at Regional Research Laboratory Bhuvaneshwar. (At NEERI)
- (iv) Planning of Effluent treatment Plants at Anoopshahar and Ghoshi Distilleries, Uttar Pradesh (At NEERI – 21st March'95 to 1st July'96)
- (v) Research on Defluoridation Technologies to be adopted under Rajiv Gandhi Drinking Water Mission. (During July'96 to October'97 as a part of activity by employer Kleen Air Systems Pvt. Ltd., Pune)
- (vi) Upgradation of Effluent Treatment Plants at M/s. Indorama Synthetics (I) Ltd., DCL Polysters Ltd. (During July'96 to October'97)
- (vii) Treatability studies for the treatment of Industrial Wastewater at M/s. Chemfields Ltd. (During July'96 to October'97)
- (viii) Upgradation of Effluent Treatment Plant at M/s. Woolworth India Ltd., at Malda, West Bengal. (During July'96 to October'97)
- (ix) Feasibility studies for treating the wastewater of M/s. Bakemans Ltd., Nagpur. (During July'96 to October'97)
- (x) Estimation of Biogas Potential in India through Anaerobic Digestion of Industrial Wastewater. (For Ph. D. Work January 1999 to January 2000)
- (xi) Pilot Plant studies for treatment of distillery wastewater, sugar Industry and dairy Industry wastewater. (For Ph. D. Work February 2000 to May 2000)

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Research Publications International Journals

- 1) EVALUATION OF OPTIMUM PROCESS CONDITIONS FOR BIOGAS PRODUCTION FROM PILOT SCALE ANAEROBIC DIGESTION OF SPENT WASH, Journal of Water Resources, Bangkok, Thailand (**International Journal, U.K.**) United Nations December (2002), pp 36 – 50. Co-authors : Dr. Rajesh Gupta, Prof. VNIT, Dr. A. G. Bhole, Ex Prof. & Head, VRCE
- 2) PROCESS KINETICS OF PILOT STRUCTURED MEDIA ANAEROBIC REACTION TANK FOR SPENTWASH TREATMENT: Journal of Environmental Science and Health, Part A, (**International Journal, U.S.A.**), vol., A (38), No.7, pp 1451-1469, July (2003) Co-authors : Dr. Rajesh Gupta, Dr. A. G. Bhole
- 3) ANAEROBIC DIGESTION OF DISTILLERY SPENTWASH – A CRITICAL REVIEW OF MESOPHILIC AND THERMOPHILIC DIGESTION Journal of Industrial Pollution Control (**International Journal**), vol. 19 (1), pp 97 –109 (2003) Co-authors : Dr. Rajesh Gupta, , Dr. A. G. Bhole
- 4) STUDIES ON POLYMER MODIFIED RECYCLED AGGREGATE CONCRETE Journal of Computational Intelligence Research (GJCER) Volume 1, Number 1 (2011), pp. 9-19. Co – Authors : G.D.Awchat, Dr..S.S.Rathore
- 5) EXPERIMENTAL INVESTIGATION OF STEEL FIBRE REINFORCED RECYCLED AGGREGATE CONCRETE International Review of Applied Engineering Research (IRAER) Volume 1, Number 1 (2011) pp.47-59. Co – Authors : G.D.Awchat, ,Dr..S.S.Rathore
- 6) RESPONSE SPECTRUM ANALYSIS OF A SHEAR FRAME STRUCTURES BY USING MATLAB .International Journal of Applied Science and Engineering Research., Vol. 1 ,No.1, ISSN 2277-9442, 2011 CoAuthor : P Waghmare, Dr Pachghade
- 7) EXPERIMENTAL STUDIES ON POLYMER MODIFIED STEEL FIBRE REINFORCED RECYCLED AGGREGATE CONCRETE International Journal of Application or Innovation in Engineering and Management (IAIEM), Volume 2, Issue 12, December 2013, pp.126-134. Co – Authors : G.D.Awchat, Dr..S.S.Rathore
- 8) INTEGRATED HYDRAULIC DESIGN APPROACH FOR COST EFFECTIVE AQUEDUCT TROUGH, Journal of Civil Engineering and Construction Technology, ISSN 2141-2634, Vol. 4, No.7, pp224-231, July 2013 Co – Authors : H. D. Chandewar, Dr..S.S.Rathore

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- 9) SIGNIFICANCE OF BOUNDARY ROUGHNESS FOR COST EFFECTIVE CONCRETE TROUGH OF AQUEDUCT, Water and Energy International, ISSN 0574-4207, 0574-4711, Vol. 69, Issue 10, pp 43-52, August 2013. Co – Authors : H. D. Chandewar, Dr..S.S.Rathore
- 10) INTERMITTENT CURING OF M20 CONCRETE, International Journal of Structural and Civil Engg Research, ISSN 2316-6009, vol. 2, No.3, pp 165-171, August 2013 Co – Authors : S. D. Piplewar, Devendra Pandey
- 11) IMPACT OF CURING ON STRENGTH OF CONCRETE, International Journal of Civil, Structural, Environmental and Infrastructure Engg& Research & Development, ISSN 2249-7978, Vol.4, Issue 2, April 2014. Co – Authors : S. D. Piplewar, Devendra Pandey
- 12) EVALUATION OF EIA PRACTICE ADOPTED BY SEIAA IN MADHYA PRADESH USING SWOT ANALYSIS International journal of Environmental Research & Development JERAD, Vol.7, No 2A, Oct.-Dec. 2012, page 1138 to 1143. Co-Author : MukundPhatak
- 13) SEISMIC RESPONSE OF ISOLATED LIQUID STORAGE TANKS WITH ELASTOMERIC BEARINGS, International Journal of Application of Inn FEB-2013 Innovation In Engineering and Management Vol 2, ISSUE 2, ISSN 2319-4847 CoAuthor : P. Waghmare, Dr.Pachghade
- 14) EIA PRACTICES ADOPTED WORLDWIDE WITH SPECIAL REFERENCE TO MADHYA PRADESH IOSR journal of Environmental science, Toxicology & food tech., Vol 4, issue 6, 2013, page 38 to 43 CoAuthor : MukundPhatak
- 15) EVALUATION OF AN EIA REPORT OF A MINING PROJECT USING A DECISION SUPPORT FRAMEWORK BASED ON FUZZY LOGIC, International Journal of Environmental Engineering and Management (IJEEM), ISSN 2231-1319 ,Volume 4, Number 2 (2013), page 183 to 192 © Research India Publications CoAuthor : MukundPhatak
- 16) CRITICAL ANALYSIS OF ACCORDING PRIOR ENVIRONMENTAL CLEARANCEMPGI National Multi Conference, (MPGINMC-2012)“Innovative Approaches in Civil Engineering ”Published in special issue of Indian Research Transaction, (IRT)ISSN:2250 - 0804, page 42 to 44. 17-18 March, 2012 CoAuthor : MukundPhatak
- 17) FUZZY LOGIC AN EFFECTIVE TOOL FOR ENVIRONMENTAL IMPACT ASSESSMENT OF MINING PROJECTS International Conference ICETST organized by AISECT University, Bhopal on 14th& 15th Feb. 2014 and published in AISECT University Journal, Vol. III, issue VI, Sept. 2014, ISSN: 2278-4187

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International and National Conferences Presentations & Publications

- 1) BIOGAS GENERATION POTENTIAL IN INDIA THROUGH ANAEROBIC DIGESTION OF AGROBASED INDUSTRIAL WASTEWATER – A STEP TOWARDS ENVIRONMENTAL RECLAMATION: presented and published at the **International Conference** on Geo-environmental reclamation, organised by International Society for Geo-environmental Reclamation, and RKNEC at Nagpur, proceedings pp 99-104 (**2000**). Co-authors : Dr. Rajesh Gupta, Prof. VNIT, Dr. A. G. Bhole
- 2) Paper entitled PROMOTION OF BIOMETHANATION TECHNOLOGY FOR PROTECTION OF WATER RESOURCES FROM INDUSTRIAL POLLUTION AN INDIAN SCENARIO: presented and published at the **National Conference** on Industrial Pollution Control, at Visvesvaraya National Institute of Technology, Nagpur, proceedings, pp 265-272, 2-3 March (**2002**) Co-authors : Dr. Rajesh Gupta, Prof. VNIT, Dr. A. G. Bhole
- 3) SOME ASPECTS RELATED TO BIOGAS PRODUCTION FROM ANAEROBIC DIGESTION OF SPENTWASH – A PILOT PLANT STUDY presented and published at the **All India Seminar** on Recent Trends in Automotive fuels – quality Improvements and Alternatives, organized by Institution of Engineers (India), Nagpur, proceedings, pp 56-62, August, (**2002**) Co-authors : Dr. Rajesh Gupta, Prof. VNIT, Dr. A. G. Bhole, Ex Prof. & Head, VRCE
- 4) FIELD PERFORMANCE OF TUBE SETTLER UNITS” presented at **27th Annual Convention of IWWA** at Indore, January **1994**. Co-author : Dr. A. G. Bhole, Ex Prof. & Head, VRCE
- 5) BIOGAS AND FERTILISER VALUE SLUDGE GENERATION FROM ANAEROBIC DIGESTION OF DISTILLERY SPENTWASH was presented at 35th Mid-term Symposium of Electronics and Telecommunication Engineers and **National Conference** on Bioinformatics, 3-4 April **2003** Nagpur Co-authors : Dr. Rajesh Gupta, Prof. VNIT, Dr. A. G. Bhole, Ex Prof. & Head, VRCE
- 6) IMPORTANT ASPECTS OF LANDFILLING METHOD FOR MUNICIPAL SOLID WASTE MANAGEMENT, was published and presented at **National Conference**, at International Development Centre, New Delhi, 28-29 April **2005**. proceedings pp 172 -177 and abstract page No. 40 in Souvenir **Single Author paper**.
- 7) STUDY OF EXPERIMENTS ON RAINWATER HARVESTING AND SURFACE RAINWATER HARVESTING FOR RECHARGING OF WELLS presented and Published at 22nd National Convention of Environmental Engineers and **National**

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- 8) **Conference** on Rainwater Harvesting, Institution of Engineers (I), Nagpur, November **2006**, pp – 288 – 291 in Proceedings.
 - 9) WOOL SCOURING PLANT WASTEWATER TREATMENT APPROACH – A CASE STUDY”, presented and Published in **National Seminar** on “Technology For Sustainable Development – Perspective and Strategies” at Instt. Of Technology, Guru Ghasidas University, Bilaspur, 6-7 January’ **2007**. Co-Authors : Mr. G. D. Awchat, Mr. A. R. Akhre
 - 10) BEHAVIOUR OF FIBER REINFORCED RECYCLED AGGREGATE CONCRETE” in **National Conference** on “Recent Trends in Civil Engineering” at Rajarambapu Institute of Technology, Rajaramnagar dated 9th& 10th March **2007** Co-Authors : Mr. G. D. Awchat, Lecturer , Prof. P. Y. Pawde
 - 11) ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED COKE OVEN PLANT – A CASE STUDY published in proceedings of **International Conference** at Ujjain Engineering College (EMASS ‘ **2008**) Co-Author : Mr. G. D. Awchat
 - 12) SOME STUDIES ON RECYCLED AGGREGATE CONCRETE WITH AND WITHOUT POLYMER presented and published at **International Conference** on Geotechnical Engineering for Disaster Mitigation and Rehabilitation (GEDMAR) , at **Nanjing, China**, 29th May – 2nd June **2008** Co-Author : Mr. G. D. Awchat
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National Journals

1) PERFORMANCE OF MODIFIED TUBE SETTLER UNITS IWWA (National) Journal, Jan – March 1995 pp 16 – 21. Co-author : Dr. A. G. Bhole

2) STATUS REPORT ON POST CLEARANCE MONITORING OF MINING PROJECTS IN MADHYA PRADESH " A CASE STUDY"- AIR Journal of Sept. 2013 issue, page 151, by All India Reporter, Nagpur. Co :MukundPhatak

3) Performance Of 50 Kl Water Tank Under IS-1893 Response Spectra. International Conference On Emerging Trends In Engineering And Technology IFERP Published By Institute of Engineering Research And Publication @ Pune Dated 19 Oct 2014 ISBN:9788192958064
