

Prof. (Dr.) NISHIKANT V. DESHPANDE

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BRIEF PROFILE

MEMBER OF:

- Joint Admission Board CBSE
- Kakodkar Review Committee for NIT Quality Up gradation
- Delegation of NIT Directors to University of Illinois USA
- 3-member delegation to UK for India-UK collaboration on Education
- National Solidarity & Integration Committee, Govt. of Assam
- Expert Member for Civil Service Examinations
- National Board of Accreditation
- Fellow of Institution of Engineers
- AICTE Committees
- NASSCOM Governing Council
- Society of Automotive Engineers
- Life member of ISTE
- Combustion Institute

SIGNIFICANT ADMINISTRATIVE EXPERIENCE:

- HoD Mechanical Engg. Dept. VNIT Nagpur
- Dear R & C VNIT Nagpur
- Dean Administration VNIT Nagpur
- Chairman AIEEE Admission Committee
- Member AIEEE Web Based Admissions
- Director Walchand College of Engineering, Sangli
- Director NIT Nagaland
- Director NIT Agartala, Tripuria
- Director NIT Silchar, Assam

AWARDS & RECOGNITIONS:

- Student Project Award by Institution of Engineers on Experimental Testrig for Computerized IC Engines
- Shared University Research Award 2012- Building & Leading Innovations IBM India University Relations
- RTI Anonymous Award 2012 by IIT Kharagpur
- Felicitation by Barak Hindi Sahitya Samiti- 2013
- Appreciation for Development of Society and North East by Govt. of Assam
- ASSOCHAM Award
- Signed MoU with University of Illinois (USA) on 6th June 2014

PERSONAL DETAILS

Date of Birth : 20th January' 1952
Address : Director's Secretariat, NIT Silchar, Cachar-788010, Assam
Languages Known : Marathi, Hindi and English
Nationality : Indian

ACADEMIA

Sr. No.	Degree & Specialization	College / Institute & University
01	B.E. (Mech) (1973)	Govt. College of Engg. Amravati Amravati University
02	D.B.M. (1978)	Dept. Of Business Management, Nagpur University
03	M.E. (H.P.E.) (1984)	V.R.C.E. Nagpur, Nagpur University
04	Ph.D. (1998) IC Engineer	V.R.C.E. Nagpur, Nagpur University

PROFESSIONAL TRAININGS

Sr. No.	Organization	Period	Particulars of Training
01	Ashok Leyland, Chennai	May1977	Service training Course
02	Sperry Vickers	Sept. 1981	Industrial Hydraulic Engg Course
03	TELCO Jamshedpur	Dec 1982	TELCO Vehicles Servicing
04	Consolidated pneumatic, Mumbai	Aug 1983	Service Training Course
05	Forbes Marshall	July 1998	Advanced steam engineering prog.
06	SAE international	Sept, 12, 2000	Professional Development Programme on Diesel Engine Technology
07	Indian School of Business, Hyderabad	Feb, 2003 and Feb, 2004	Entrepreneurship Development

EMPLOYMENT RECITAL

A. CORPORATE / INDUSTRIAL EXPOSURE:

Sr. No.	Name and address of the Employer	Period of Service	Designation of the post held Scale of pay	Nature of work and level of responsibilities
1	M.E.C.L. Nagpur	27th Feb. 1973 To 4th July 1984	Sr. Mechanical Engineer	Administrative & Shop floor
2	Kishore Pumps Pvt. Ltd., Pune	9th Nov 1973 to 26th Feb 1975	Purchase and Planning Engineer	Administrative & Shop floor

B. ACADEMIC EXPOSURE:

Sr. No.	Name and address of the Employer	Period of Service	Designation of the post held Scale of pay	Nature of work and level of responsibilities
01	NIT Silchar	08 Sept 2011 to till date	Director	Teaching, Research, Administration and overall institutional development
02	NIT Nagaland	08 Sept 2011 to 8 th Feb 2012	Mentor Director	Administration, site selection and overall institutional development
03	NIT Agartala	18 th Aug 2013 to 10 th Oct 2013	I/C Director	Research, Administration (conflict management) and overall institutional development

04	Visvesvaraya National Institute of Technology, Nagpur	01 Oct 2007 to till date	Professor	Research & Teaching
05	Walchand College of Engineering, Sangli	1 Nov 2006 to 31 Sept 2007	Director,	Teaching, Research, Administration and overall institutional development
06	Visvesvaraya National Institute of Technology, Nagpur	5 Dec 2005 to 31 Oct 2006	Professor & Dean (Administration), Professor & Dean (R & D), TEQIP Coordinator	Research strategies, (Planning & Implementation) Teaching, TEQIP Coordinator
07	Visvesvaraya National Institute of Technology, Nagpur	16 Aug 2002 to 04 Dec 2005	Professor,	Research & Teaching
08	Visvesvaraya National Institute of Technology, Nagpur	7 Aug 2002 to 15 Aug 2005	Professor & Head,	Research Teaching & Administrative
09	Visvesvaraya National Institute of Technology, Nagpur	4 th Nov 2000 To 6 Aug 2002	Professor,	Research Teaching & Administrative
10	Visvesvaraya Regional College of Engg. Nagpur			Research Teaching & administrative
11	Visvesvaraya Regional College of Engg. Nagpur	5 th July 1984 To 16 th Aug 1992	Workshop Superintendent,	Research Teaching & administrative

LIST OF PROJECTS

Sr. No.	Project	Sanctioning body	Amount	Status
1	I C Engine Tribology	FIST – SERC (DST)	Rs. 70 Lakhs	Ongoing
2	Biodiesel –Tribological Studies	KVIC	Rs. 4.00 Lacs	Completed
3	Wear, Lubricity, Material Compatibility of biodiesel fuelled CI Engine	Institution of Engineers INDIA	Rs. 0.10 Lakhs	Completed
4	MODROB	MHRD	Rs. 12 Lakhs	Completed
5	Alternative Fuels	MHRD	Rs. 5 Lakhs	Completed
6	MODROB	AICTE	Rs. 12 Lakhs	Completed
7	Alternative Fuels	AICTE	Rs. 0.5 Lakhs	Completed

Ph.D SUPERVISION

Sr.No	Title	Candidate Name	Status
1	Experimental Investigations on Performance & Emission of Biodiesel fuelled CI Engines	J G Suryavanshi	Completed
2	Effect of Oxygenates/blends on CI Engines	D B Zodpe	Completed
3	Parametric Optimization of WEDM of high Chromium high carbon Die steel using ANN	Y M Puri	Completed
4	Tribological studies on CI engines using biodiesel	P V Bhale	Submitted
5	Design & Development of Particulate Trap for CI Engine	S C Kongre	Completed
6	Application of CFD in design of furnaces	Kiran Chaudhari	Completed
7	Effect of cryo-treatment on cutting tools	A D Shirbhate	Completed
8	Energy Intervention plan for rural development using biodiesel	N W Kale	Completed
9	Development of Catalytic Converter	P V Walke	Completed
10	Hydrogen Combustion Studies (M E by Research)	Dinesh Adgulkar	Completed
11	Commissioning, Testing and Performance of steam turbines at thermal power plant (M E by Research)	A D Joshi	Completed
12	Study of Structural, Electrical and Optical Properties of Pure and Doped SnO ₂ Nanoparticles (Co-Supervisor)	Navnita Kumari	Completed
13	Experimental Combustion Studio of Biofuel	Satish Bhele	Ongoing
14	Investigation of Algae Bio- diesel as an alternative fuel for CI Engines	Sushant Satputale	Ongoing

PRODUCT DEVELOPMENT

- ⇒ Design and development of Hydraulic Mud Mixer
- ⇒ Design and development of Truck Mounted Drilling Rig
- ⇒ Design and development of pump mounted alternators
- ⇒ Design and development of biodiesel pilot plant

PATENT DETAILS

1. **Title:** DIESEL PARTICULATE FILTER DEVELOPED WITH INDIGENOUS CERAMIC MATERIALS
2. **Title :** Solar Powered Wheel Chair, 832/KOL/2013

LIST OF PUBLICATIONS

Sr No	Publications	Nos.
1	Journals (International)	20
2	Journals (National)	08
3	Conferences (International)	35
4	Conferences (National)	60
	TOTAL	123

A. JOURNALS (International) :

1. IMPROVING LOW TEMPERATURE PROPERTIES OF BIODIESEL, N. V. Deshpande, P. V. Bhale
Journal of Renewable Energy, Elsevier, Vol 34, 2009, 794-800 available online at
www.sciencedirect.com
2. TRIBOLOGICAL INVESTIGATIONS ON LINER-RING COMBINATION WITH JATROPHA
BIODIESEL CONTAMINATED LUBRICANT, N V Deshpande, P V Bhale, Tribology International,
Elsevier, Manuscript No. TRIBINT-D-08-00056 Status : Under Review
3. EXPERIMENTAL INVESTIGATIONS ON A JATROPHA OIL METHYL ESTER FUELLED DIESEL
ENGINE, N.V.Deshpande, J. G. Suryawanshi, ASME Paper No. ICES2005-1040.
4. "New Catalyst For Diesel Engine Exhaust Treatment" Dr., N. V. Deshpande, P.V.Walke Published in
Internal Combustion Engine Division Of ASME International Mechanical Engineering Congress and
Exposition. Nov. 5-11 2005,Orlando,Florida. Paper No. MECE2005-82974
5. EFFECT OF INLET FLUID TEMPERATURE ON THE BUOYANCY INDUCED FLOW IN CIRCULAR
TUBE FITTED WITH TWISTED STRIP, N. V. Deshpande, S.B. Thombre, Prayagi, ASME Paper No.
MECE2005-82975
6. JATROPHA & PONGAMIA STRAIGHT VEGETABLE OILS AS AN ALTERNATIVE TO DIESEL AS A
FUEL, N. V. Deshpande, S. B.Thombre, M. Meshram, T. Naresh Paper No. IMECE2005-82941
7. TESTING OF NEW CATALYST FOR COMPRESSION IGNITION ENGINE EXHAUST TREATMENT,
Dr. N. V. Deshpande, P.V.Walke ASME Paper No. ICEF2005-12777Published in Internal combustion
Engine Division of ASME 2005 Technical Conference.Sept.11-14 2005.Ottawa, Canada..

8. EFFECT OF INJECTION TIMING RETARD ON EMISSIONS & PERFORMANCE OF PONGAMIA OIL METHYL ESTER FUELLED COMPRESSION IGNITION ENGINE, N. V. Deshpande, J.G. Suryawanshi SAE Paper No 2005-01-3677
9. EXPERIMENTAL INVESTIGATIONS TO STUDY THE COMPARATIVE EFFECTS OF LPG AND GASOLINE ON PERFORMANCE AND EMISSIONS OF SI ENGINE ICES 2005-1065 N V Deshpande, P V Bhale
10. THE EFFECTS OF COMBINATION OF EGR, INJECTION RETARD AND INJECTION PRESSURE ON EMISSIONS AND PERFORMANCE OF DIESEL ENGINE FUELLED WITH JATROPHA METHYL ESTER', N V Deshpande, J G Suryawanshi , ASME Paper No IMECE 2006-13021
11. USE OF ETHANOL BASED OXYGENATES FOR SMOKE REDUCTION IN C.I. ENGINES, N.V.Deshpande, D.B.Zodpe, ASME Paper No ICES 2005-1070
12. Performance And Emission Characteristics Of A Diesel Engine Using Catalyst with Exhaust Gas Recirculation"Published in ASME International mechanical Engineering Congress and Exposition. November 05-10,2006,Chicago,Illinois. Paper No.IMECE2006-14484.
13. 'EXPERIMENTAL INVESTIGATIONS ON LUBRICITY AND COLD FLOW PROPERTIES OF BIODIESEL', N V Deshpande, Purnanand V Bhale, S B Thombre, ASME ICES 2008 -1636 Internal Combustion Spring Technical Conference, Chicago, April 27-30 2008.
14. 3D CFD SIMULATIONS OF HYDROGEN FUELLED SPARK IGNITION ENGINE, N V Deshpande, D D Adgulkar, I K Chopde, ASME ICES 2008 -1649 Internal Combustion Spring Technical Conference, Chicago, April 27-30 2008.
15. MODELING AND OPTIMIZATION OF THE WEDM PROCESS PARAMETERS, Y M Puri, N V Deshpande, I K Chopde, Industrial Engineering and Management Systems Journal, Under Review.
16. 'EMISSION CHARACTERISTICS OF A COMPRESSION IGNITION ENGINE USING DIFFERENT CATALYST" , Dr. N V Deshpande, Pramod Walke, Paper No.ICME-106,International Conference of Mechanical Engineering-2008 ,at South Kensington campus, Imperial college London, U.K. July2-4 2008.
17. 'SIMULATION OF WEAR CHARACTERISTICS OF CYLINDER LINER RING COMBINATION WITH DIESEL AND BIODIESEL' , N V Deshpande Purnanand V Bhale, S B Thombre, 6th International Symposium on Fuels and Lubricants, Organized by Indian Oil (R & D) Division at New Delhi during 09-12 March 2008. This paper has been awarded with SAE International No SAE 2008-28-0107
18. "CFD modeling of combustion process in tangentially fired boiler and its validation for high ash Indian coals", Chaudhari Kiran, Deshpande N.V.,Sonollikar R.L.,ThombreS.B. International Journal of Fuel and Energy, In print: ELSEVIER, Reed Elsevier Canada .(under review)
19. CFD modeling of tangential fired furnace of 500 MW boiler for different operating conditions of Indian coals",International Journal of Energy. In print: PERGAMON, Reed Elsevier Canada Ltd Canada (under review)
20. Kongre S.C., Dr. Deshpande N. V. et al. ,"Experimental Investigations of Ceramic Diesel Particulate Trap Without Regeneration", IJER Paper: EUCA 308, International Journal of Engine Research. (Under review)

B. JOURNALS (National) :

1. INVESTIGATIONS IN BOILER TUBE LEAKAGES, N.V.Deshpande, M.S.Soni, S.A.Shukla. The Journal of the Institution of Engineers (India) Mechanical Engineering Division Board.
2. CATALYTIC CONVERTERS FOR TWO WHEELERS, M.M. Deshmukh, N.V. Deshpande, Journal of Institution of Engineers.
3. CRYOGENICS - N.V. Deshpande, Science Journal, Nagpur University, Nagpur.
4. EXHAUST GAS SIMULATION – N.V. Deshpande, Journal of the Institution of Engineers (India) Mechanical Engineering Division Board.
5. EXPERIMENTAL INVESTIGATIONS ON A PONGAMIA OIL METHYL ESTER FUELLED DIESEL ENGINE', N.V. Deshpande, J.G. Suryawanshi – SAE Paper 2004-28-0018, Yr. 2004.
6. IMPROVEMENT OF EDM PERFORMANCE WITH PARAMETRIC OPTIMIZATION AND VARIOUS SUPPORTIVE TECHNIQUES – Y.M. Puri, Dr. N.V. Deshpande, V.V.Ketkar , Manufacturing Technology Today, Vol.3, Issue 6, June 2004.
7. DEVELOPING ENVIRONMENTAL MANAGEMENT SYSTEM AND MODEL BUILDING FOR NEXT GENERATION MANUFACTURING – Dr. N.V.Deshpade, C.M.Sedani – Dream Earth's Journal of Pradushan Nirmulan, 22 Nov 2004.
8. Kongre S.C., Dr. Deshpande N. V. et al. ,“Investigations of Diesel Particulate Trap With Indigenous Materials”, Journal of Institution of Engineers (India), Mechanical Engineering Division (Under review)

C. CONFERENCES (International) :

1. COMPUTER SIMULATION OF ALTERNATIVE FUELS FOR S.I.ENGINES. N.V. Deshpande, I.K. Chopde, M.S.Soni, Amit Purl, Ashish Deshpande, Symposium on International Automotive Technology, Pune.
2. ECO-FRIENDLY FUTURE FUELS FOR AUTOMOBILES, N.V. Deshpande, M.S. Soni, M.P. Dakhare, I.K. Chopde International Conference on Sustainable Technology and Development, Madhav Institute of Technology and Science, Gwalior.
3. APPLICATION OF CFD FOR PRODUCT DESIGN, Dr. N. V. Deshpande, R.S.Ghokle, S.M.Tatwawadi, V.V.Jindhal - International conference at IIT, Delhi on CAD, CAM, ROBOTICS and AUTONOMOUS, FACTORIES (INCARF 2003).
4. STUDY OF CRYOGENIC TREATMENT OF TOOL LIFE ON HSS (M2 Grade), Dr. N. V. Deshpande, Y.M. Puri , A.D. Shirbhate - International conference on Advance Manufacturing Technology, 29 - 31 Jan 2003, V.J.T.I. Mumbai.
5. COMPUTATIONAL FLUID DYNAMICS: THE BASIC WITH APPLICATIONS - Dr. N.V. Deshpande, Kiran M. Chaudhary – International conference at IIT, Delhi on CAD, CAM, ROBOTICS and AUTONOMOUS, FACTORIES (INCARF 2003).

6. UTILIZATION OF RAPESEED METHYL ESTER IN CI ENGINES: A REVIEW, J.G. Suryawanshi and N.V. Deshpande – Proceeding of International conference on ‘Thermal Energy storage Technologies and Systems’ Pg. No. 131-139 Organized by school of Energy & Environmental Studies, Devi Ahilya University, Indore (M.P.), during March 22-24, 2003.
7. UTILISATION OF SOYABEAN METHYL ESTER IN DIESEL ENGINE: A REVIEW –Dr. N.V. Deshpande – International conference on “ Thermal Energy Storage Technologies” Organized by school of Energy and Environment studies, Devi Ahilya University, Indore (M.P.), 22-24 March, 2003.
8. ENERGY CONSERVATION DUE TO CERTAIN CONDENSER MODIFICATIONS IN HOUSEHOLD REFRIGERATOR, D. B. Zodpe, Dr.N.V. Deshpande- International Conference on Thermal Energy Storage Technology & 4th Expert Meeting , School of Energy & Environment Studies , Devi Ahilya University , Khandawa Rd. Campus, Indore, 21-24 March 2003.
9. EXHAUST GAS SIMULATION, D.B.Zodpe, Dr.N.V.Deshpande, International Conference on Thermal Energy Storage Technology & 4th Expert Meeting, School of Energy & Environment Studies , Devi Ahilya University , Khandawa Rd. Campus, Indore, 21-24 March 2003.
10. EFFECT OF OXYGEN ENRICHMENT OF FUEL USING OXYGENATES ON SMOKE DENSITY OF COMPRESSION IGNITION ENGINES, D.B. Zodpe, Dr.N.V.Deshpande- Third International Conference on Automotive & Fuel Technologies, New Delhi, 23 Dec. 2003.
11. EFFECT OF EGR ON PERFORMANCE AND EMISSIONS IN A DIESEL ENGINE FUELLED WITH JATROPHA OIL METHYL ESTER - N. V. Deshpande, J.G.Suryawanshi Symposium on International Automotive Technology - SIAT 2005 organized by Automotive Research Association of India (ARAI) & SAE India in association with SAE International
12. RESPONSIVE SUPPLY CHAIN MANAGEMENT, Dr. N. V. Deshpande, PSG Institute of Technology, Coimbatore.
13. EMISSION AND PERFORMANCE STUDY ON A COMPRESSION IGNITION ENGINE FUELLED WITH PONGAMIA OIL METHYL ESTER’, Dr.N.V.Deshpande, J.G.Suryawanshi – Paper presented at 2nd World Conference and Technology Exhibition on Biomass for Energy, Industry and climate protection, during 10-14 May 2004 at Rome, Italy.
14. DESIGN OF AN EXHAUST GAS FIRED VAPOUR ABSORPTION REFRIGERATION CHILLER FOR MILK TANKER, D.B.Zodpe, Dr.N.V.Deshpande, Y.C.Dhote – International Refrigeration & Air conditioning Conference at Purdue, July 12-15,2004.
15. EFFECT OF EGR ON EMISSIONS AND PERFORMANCE IN A PONGAMIA OIL METHYL ESTER FUELLED C.I. ENGINE- J.G. Suryawanshi and N. V. Deshpande, International Symposium on Fuels and Lubricants (ISFL-2004) Organized to by Indian Oil Corporation Limited from 27-29 October 2004 at New Delhi, India.
16. SIMULTANEOUS OPTIMIZATION OF MULTIPLE QUALITY CHARECTERISTICS OF WEDM BASED ON FUZZY LOGIC AND TAGUCHI TECHNIQUE - Yogesh M. Puri, N.V.Deshpande, Fifth Asia-Pacific Industrial Engineering and Management Systems Conference, 12-15 Dec. 2004, Queensland University of Technology, Brisbane, Australia.
17. ROBOTIC APLPLICATIONS IN PHARMACEUTICALS & SURGERY – RECENT TRENDS : N.V.Deshpande, A.S.Kumar, Amita Jacob, Y.M.Puri – VIII Annual International Conference of Society of Operations Management, December 17 – 20, 2004, NITIE, Mumbai

18. N. V. Deshpande, P. V. Bhale, "Lubricity, Wear, Material compatibility of Biodiesel Fuelled CI Engines: An Overview", 5th International Conference of Industrial Tribology at IISc Bangalore.
19. N. V. Deshpande, P. V. Bhale, "Impact of cold flow improvers on Biodiesel fuels", International Conference on Bio-fuels Vision 2015' 2006, at Bikaner.
20. N.V. Deshpande, N. W. Kale, "Potential Estimation, Production, Characterization and Economics of Madhuca Oil Methyl Ester for Hemalkasa Region of Gadchiroli District of Maharashtra State", International Conference on Bio-fuels Vision 2015 at Bikaner.
21. N. V. Deshpande, Y. M. Puri, "Parametric Optimization of WEDM of high Chromium high carbon Die steel using ANN", ASME IMECE Nov 2006 Chicago, Illinois USA.
22. N. V. Deshpande, Javed Khan, "Computational Multi-Physics Dynamics – New Computational Techniques – Multidisciplinary Design Optimization", 2nd International Congress on Computational Mechanics and Simulation, Dec. 8-10, 2006, IIT, Guwahati.
23. N. V. Deshpande, Shaikh Javed, "Numerical Simulation of Flow Around Hovering Rotor", The 9th Asian International Conference o Fluid Machinery. Oct 16-19, 2007, Jeju, Korea.
24. N V Deshpande, D D Adgulkar, 'Hydrgen as an I C Engine Fuel – A review', Paper no 187 SIAT 2007, Pune
25. N. V. Deshpande, D. D. Adgulkar, 'CFD Simulation of Hydrogen Combustion', International Conference on I C Engines & Combustion Dec 2007, JNTU, Hyderabad.
26. 'WEAR CHARACTERISTICS OF PLUNGER & BARREL OF CI ENGINE FUEL PUMP USING DIESEL AND BIODIESEL', N V Deshpande, Purnanand V Bhale, S B Thombre, 2nd International Conference on Advances in Energy Research (ICAER -07) Indian Institute of Technology, Bombay, Powai Mumbai. 12-14 Dec 2007. This Proceeding is published by Macmillan.
27. 'IMPACT OF EXHAUST GAS RECIRCULATION ON THE PERFORMANCES OF DIESEL ENGINE', N V Deshpande, Pramod Walke, accepted for the 2008 International Conference of Mechanical Engineering at South Kensington campus, Imperial College London, U.K., 2-4 July 2008.
28. N V Deshpande, P V Bhale, S B Thombre ' Tribological Investigations on low sulfur diesel fuelled CI Engine' 6th International Conference on Industrial Tribology 6-9 Nov 2008. Organised by Indian Oil R & D Division, New Delhi.
29. Chaudhari Kiran, Deshpande N.V., Sonolikar R.L., Thombre S.B. , "Flow analysis of combustible gases in tangentially fired boiler for different operating conditions for Indian coal" CFD2008-Fifth International conference on computational fluid dynamics, at world academy of science and technology, Bangkok, Thailand, December17-19, 2008.
30. Chaudhari Kiran, Deshpande N.V., Sonolikar R.L. Thombre S.B. "CFD modeling of combustion process in tangentially fired boiler and its validation for different operating conditions of high ash Indian coals"-International conference on Emerging Research and Advances in Mechanical Engineering ERA-2009, 19-21st March, 2009.

31. Kongre S.C., Dr. Deshpande N. V. et al. ,“Ceramic Composite Filter Trap”, ASME International Design Engineering Technical Conference (IDCET 2009)August 30- September 2, 2009, San Diego, C.A. (U.S.A.) (Under review)
32. Kongre S.C., Dr. Deshpande N. V. et al. ,“Experimental Investigations of porosity diameter and length of ceramic diesel filter”, ASME 2009 Fall Technical Conference, Internal Combustion Engine Division, September 20-24, 2009. Lucerne, Switzerland. (Under review)
33. Kongre S.C., Dr. Deshpande N. V. et al. ,“Development of Diesel particulate filter (DPF) for Diesel Engine with Indigenous Ceramic Materials ”, International Conference and Exhibition on advances in Energy Research, December 9-11, 2009, Indian Institute of Technology, Bombay (India) (Under review)
34. Kongre S.C., Dr. Deshpande N. V. et al. ,“Performance Evaluation of Monolithic and Segmented type diesel particulate filter”, Seventh International conference on modeling, Monitoring and Management of Air Pollution, July 20-22, 2009, Tallinn Estonia. (Under review)
35. Bhale P.V.,Deshpande N.V.,et al,“Experimental Investigations on the effect of long term biodiesel usage on thermal decomposition of C.I. engine crankcase oil, ASME 2009 Fall technical Conference,Internal Combustion Engine Division,September 20;24, Lucerne,Switzerland.(under review)

D. CONFERENCES (National) :

1. HYDRAULIC MUD MIXER, N.V. Deshpande, National Conference on Diamond Core Drilling, ISM Dhanbad, 1984.
2. BIOMASS- A SOURCE OF FUTURE ENERGY, National Solar Energy Convention-97, Centre for New and Renewable Sources of Energy, Anna University, Chennai-600 025.
3. OVERVIEW OF ALTERNATIVE FUELS FOR I.C. ENGINES, N.V.Deshpande, S.S. Uttarwar, M.S. Soni, National Seminar on Energy for Better Tomorrow- Renewable Energy Source (EFBET-97), K.I.T.S., Ramtek-441 106.
4. ENERGY AUDIT IN A STEEL RE-ROLLING MILL- A CASE STUDY, N.V. Deshpande, M.S. Soni, Dr. B.N. Jajoo, National Solar Energy Convention-97, Centre for New and Renewable Sources of Energy, Anna University, Chennai-600 025.
5. ENERGY AUDIT- A CASE STUDY, N.V.Deshpande, M.S. Soni, M.P. Dakhare, National Seminar on Energy for better Tomorrow- Renewable and Non-Renewable Energy Sources (EFBET-97) K.I.T.S, Ramtek- 441 106
6. MARKETING STRATEGY- A CASE STUDY, N. V. Deshpande, M.S. Soni, National Conference on Industrial Engineering towards 21st Century. Dept. of Mechanical Engg., Sri Venkateswara University, Tirupati, India.
7. CONSUMER BEHAVIOUR- A CASE STUDY, N. V. Deshpande, M. S. Soni, National Conference on Industrial Engineering Towards 21st Century. Department of Mechanical Engg. Sri Venkateswara University, Tirupati, India.
8. HYDROGEN - THE ALTRNATIVE FUEL FOR TRANSPORTATION. N.V.Deshpande, I.K.Chopde, M.S.Soni, M.P.Dakhare, National Conference on Advances in Automobile Engineering, Anna University, Chennai-600 044.

9. NATURAL GAS AS A FUEL FOR VEHICLE APPLICATIONS. N.V.Deshpande, I.K.Chopde, M.S.Soni, M.P.Dakhare, National Conference on Advances in Automobile Engineering, Anna University, Chennai-600 044.
10. LIQUIFIED PETROLEUM GAS (LPG)- AN ALTERNATIVE FUEL FOR AUTOMOBILES, N.V.Deshpande, I.K.Chopde, M.S.Soni, M.P.Dakhare, National Conference on Advances in Automobile Engineering, Anna University, Chennai-600 044.
11. LPG AS FUEL FOR TWO WHEELERS, N.V.Deshpande, M.P.Dakhare, National Conference at College of Engineering, Pusad.
12. METHANOL BLENDS FOR S.I.ENGINES, N.V.Deshpande, N.B.Balsaraf, National Conference at College of Engineering, Pusad.
13. ECO-FRIENDLY ENERGY, J.R. Joshi, N.V. Deshpande, N.B. Balsaraf, National Conference at College of Engineering, Pusad.
14. OVERVIEW OF MINI MICRO AND SMALL HYDEL STATIONS, J.R. Joshi, N.V. Deshpande, 26th National Conference on Fluid Mechanics and Fluid Power, Fluids'99.
15. INVESTIGATIONS IN BOILER TUBE LEAKAGES S.A. Shukla, N.V. Deshpande. National Seminar on Energy Conservation in thermal power plant, 7-8th October, 1999, at Thiruvananthapuram.
16. PERFORMANCE COMPARISON OF ELECTROSTATIC PRECIPITATOR AND FARBIC FILTER, DUST COLLECTOR, S.B. Thombre, K.K. Kulkarni, N.V. Deshpande, National Seminar on Energy Conservation in thermal power plant, 7-8th October, 1999, at Thiruvananthapuram.
17. EFFECT OF COAL BLENDING ON THE PERFORMANCE OF THERMAL POWER STATIONS AND THEIR ECONOMICS, S.B. Thombre, K.K. Fadnavis, N.V. Deshpande. National Seminar on Energy Conversation in Thermal Power Plant, 7-8th October 1999, at Thiruvananthapuram.
18. CATALYTIC CONVERTERS, M.M. Deshmukh, N.V. Deshpande, 16th National Conference on I.C. Engines and Combustion, January 20-22, 2000, Jadhavpur University, Calcutta.
19. EFFECT OF BIG-ADDITIVES ON I.C. ENGINES, N. Raghunandham, N.V. Deshpande, 16th National Conference on I.C. Engines and Combustion, January 20-22, 2000, Jadhavpur University, Calcutta.
20. DYNAMIC WEAR OF WET CLUTCH AND ITS OPTIMISATION – Dr,. N. V. Deshpande , Annual technical Paper meeting , Institutions of Engineers, Dec,2000
21. PERFORMANCE OF CRYTREATMENT OF CUTTING TOOLS- National Conference, Sept. 2001. J.N.T.U. College of Engg. Anantpur.
22. RECENT ADVANCES IN MATERIAL MANUFACTURING- N.V. Deshpande, A.D. Shirbhate- Annamalai University, Sept,2001.
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24. MODERN TRENDS IN AUTOMOBILE ENGINEERING - N. V. Deshpande, P.V. Walke , RIT Sakharle, Sangli , June 2002.

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