

RESUME



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1. Name : Dr. Dhananjay Vishnuprasad Bhatt
2. Present Post : Professor, Mech. Engg. Dept., Chairman CCE, Former .Dean[alumni &Resource Generation],Former- Professor In-charge E.D. Cell& Chairman-AIC- SVNIT-SURAT
3. Pay Scale : Rs.37400—67000 GP-10000, + Applicable allowances- Pay inPB-61050/- + LTC,MEDICAL,CPDA 1LAC RS/YR+ Consultancy income
4. Age : 62+ yrs (11th May, 1955)
5. Qualifications : Ph.D. (Mech), ME, BE, DBM, IPMM, FIE [**Annexure I**]
6. Experience : 38 years(11.5 Years Industry,26.5 years in Academia) [**ANNEXURE II/III**]
7. Sponsored Projects Executed : 97 Lac (7 Projects DST, MSME, CED, COE, TEQIP & Annual Plan)[**ANNEXURE IV**]
8. Testing & Consultancy : 2.70 LAC [**ANNEXURE V**]
9. Technical Papers Published : Total No. – 74 Papers
International Journals - 11 International Conference - 26
National Journals - 06 National Conference - 31
[**ANNEXURE VI**]
10. Patent Filed/ Awards & Recognition : 08 (**01- International Patent**) / 04 [**ANNEXURE VII**]
Chairman-VC scrutiny committee-VTU Karnataka
Notification-no.GS 22 TUM 2016 Rajbhavan-Benglure
15th Sep-2016
11. Ph.D/M.Tech. Guided : 04/31 [**ANNEXURE VIII**]
12. Expert Lectures Delivered : 42 [**ANNEXURE IX**]

13. Seminar/Conference/Summer/Winter School Attended : 43 [ANNEXURE X]
Workshop/Seminar/Conference
14. /Lectures/Industrial Visits Organized : 34[ANNEXURE XI]
15. Professional Membership : 06 [ANNEXURE XII]
16. Other Activities and Achievements : 26[ANNEXURE XIII]
17. Laboratory/ Equipment Developments : **04 Nos**
[ANNEXURE XIV]
18. Countries Visited For Professional Activities : Thailand (Bangkok), 2005, (SIMMOD-2005) ;
UK –London, 2009 (WCE 2009)
CANADA—2012-March[For discussion & interaction as team-leader]
DUBAI—2014-APRIL-Alumni liaison meet
LA-USA-AUG-2017-ICAFM-2017

Dr. D. V. Bhatt
Professor & Chairman CCE,
Former Dean[AI&RG]
Former Chairman-AIC&, Prof I/C EDC
Mechanical Engineering Department
S. V. National Institute of Technology
Ichchhanath Surat 395007

ANNEXURE I**QUALIFICATIONS (Secondary Onwards):**

Sr. No.	Examination Passed	Name of the University	Year of Passing	No. of attempts	Class / Percentage / CGPA
1	SSC	Gujarat SSC Board (11 th std. with science)	1971	1 st	First – 62%
2	Pre science	Saurashtra Univ. Rajkot	1972	1 st	First – 61%
3	F. Y. B Sc. (A-Group)	Saurashtra Univ. Rajkot	1973	1 st	First – 60%
4	B.E.(M)	Saurashtra Univ. Rajkot	1978	1 st	First – 63%
5	DBM	Dr. Rajendraprasad Institute of Mgt. Bombay	1980	1 st	Second –54%
6	IPMM	M.S. Uni. Faculty of Adult Education, Vadodara.	1982	1 st	First – 61%
7	M. E.	South Gujarat Uni., Surat	1994	1 st	First – 67%
8	Ph.D.	South Gujarat Uni., Surat	2005	---	---

ANNEXURE II

Employment Record: Academic (26 years.)

Sr. No.	Employer's Name	Post Held	Pay Scale	Period	Nature of work
1.	S. V. National Institute of Tech., Surat	Professor	37400-67000	6/7/2011 - till date	Ex.Dean (Alumni & Resource generation) Responsible for T&P, Anchor Cell, E.D. Cell, IPR Cell, Incubation Centre, Teaching & Research, Lab development I/C Directorship in his absence
2.	S. V. National Institute of Tech., Surat	Professor (RIL)	37400-67000	02/03/2009 - 31/05/2010	-Work load as per AICTE, Prof. I/C E.D.Cell -Teaching & Research, Lab. development
3.	S. V. National Institute of Tech., Surat.	Associate Professor	37400-67000	1/1/2006 - 1/3/2009 1/6/2010 - 5/7/2011	-Work load as per AICTE, Prof. I/C E.D.Cell, Incubation centre -Teaching & Research, Lab. development
4.	S. V. National Institute of Tech., Surat.	Assistant Professor	12000-420-18300	06/09/2005 - 31/12/2005	-Work load as per AICTE, Prof. I/C E.D.Cell -Teaching & Research, Lab. development
5.	S. V. National Institute of Tech., Surat.	Sr. Lecturer	12000-420-18300 10000-325-13500	01/06/2001 - 05/09/2005 01/01/1996 - 31/05/2001	-Work load as per AICTE, Wardenship -Teaching & Research, Lab. development
6.	Dr. S. & S.S. Gandhi College of Engineering & Technology., Surat (Govt. Polytechnic.)	Lecturer	8000-275-13500	21/04/1990 - 01/03/1997	Work load as per AICTE, Warden ship - Rector

ANNEXURE III

Other related experience-Research/Industrial. (11 Years & 5 Months)

Sr. No	Employer's Name	Post Held	Pay Scale	Total Emolument (Rs.)	Length of Service (date)		Nature of work
					From	To	
1	M/S Precision Bearings India Ltd. P.O. MANEJA BARODA	Engineer (Industrial Engg. Dept.)	600-40-800	850/-	01.08.1978 1 Years - 9 Months	09.05.1980	1. To generate MIS, Labour η , machine η , Method/time study and codification. 2. Suggestion evaluation & implementation.
2	M/S T.Maneklal, A division of SLM, Maneklal. Vatva, A'bad	Industrial Engineer (Section head)	630-45-900	1150/-	21.05.1980 6 Months	14.11.1980	1. To establish IE Dept, reporting sys, MIS, store sys, & time standards establishment
3	The New India Ind. Ltd., Jetalpur road, Baroda	Industrial Engineer (Section head) -----	850-60-1330	1350/-	15.11.1980 4 Years – 9 Months	13.08.1985	1. To generate MIS, Research Assignment, Method/time study 2. Development job, VCD project planning Execution & vendor developmet. 3. Codification,
4	M/S Safari Ind. Ltd. Halol-Panchmahal	Senior Ind. Engineer (Section head)	2000-400-4000	3500/-	18.08.1985 6 Months	20.02.1986	1. To establish IE dept, reporting sys, MIS, store sys, & time standards establishment. 2. Job specification, plant layout
5	M/S Gujarat Narmada Auto Ltd. (under taking of GNFC) Valia, Dist-Bharuch	Asst. Executive Planning-store (Section head) Reporting to G.M.	1400-60-2000	3600/-	24.02.1986 1 Years – 1 Months	18.03.1987	1. Planning organizing & procurement to Establish store sys. And project execution. 2. Planning, scheduling & supply of Material to Prod. Shops. 3. Reporting sys.

6	Shri Yamunaji Engg. Co. Halol- Panchmahal (Family friend's venture)	Factory Manager	3000- 600- 6000	4500/-	25.05.1987 2 Years – 10 Months	20.04.1990	1. To establish SSI unit and complete operation os SSI unit, i.e.Adm. Mkt., Prod, Finance, customer relation& development of new parts, tooling etc.
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ANNEXURE IV

DETAILS OF VARIOUS FUNDED PROJECTS

<i>Scheme & Funded by</i>	<i>Title</i>	<i>Sanction letter No., Dt. & Amount Rs. (lakh.)</i>	<i>Date/Year of completion</i>	<i>% Utilize</i>	<i>Principal coordinators</i>
ModRob MHRD	Modernization of machine tool lab	20-12/97 TS-1, 20/3/98 &RS.6.5LAC	30-06-2001	100	D.V.BHATT
COE MHRD	Setting up a Tribo-Maintenance Lab.	BOG (102)/ Reso-20 12/2/96 &RS. 1.98LAC	31-03-99	100	Dr. K.N.Mistry D.V.BHATT
R&D MHRD	Performance study of Tribological parameters on a multi cylinder 4-stroke petrol engine	F.26-1/ 2000 TS-V 28/3/2001 &RS. 8.0LAC	Submitted UC 31/03/05	NR-77 R-32 O-60	Dr.K.N.Mistry D.V.BHATT
Annual plan	To develop multi cylinder test rig for study of Tribological parameters	SVNIT/AP/RP/07-08/906 03-10-2007-08 andRS.1.18LAC	Completed	100	Dr.D.V.BHATT Mr. Atul shah Net working project.
TEQIP(services to community)	Development of single cylinder 2/4 stroke eddy current dynamometer engine test rig with LPG application	SVNIT/TEQIP/Med/ Dc Genetator Cum Motor/1940/5681/06-07 SVNIT/TEQIP/Med/ Dc Genetator Cum Motor/1940/5681/06-07 RS.7.5LAC	completed	100	Dr.D.V.BHATT Mr. B. M. Sutaria
MSME supported Incubation Centre	To promote innovation through MSME fund	No.6[19/8]/NMCP[incubator]/SVNIT/2009-10---15/3/2010RS.11.71LAC No.6[19]/NMCP[incubator]/SVNIT/09-10/29/032010 RS.20.04LAC	Completed	50	Dr.D.V.BHATT Member Sec.
Anchor Cell CED Govt. of Guj.	To establish lubrication/ condition monitoring lab	INDUSTRYCOMMISIONER- GOVT. OF GUJ.- COMMON GR FOR ALL ANCHOR CELL INSTITUTES-JUNE 2009/ RS. 50 lac (for lab)	Completed	75	Dr.D.V.BHATT

ANNEXURE V

TESTING & CONSULTANCY

<i>Sr. No.</i>	<i>Assignment</i>	<i>Name of Industry</i>	<i>Amount[Rs.]</i>	<i>Period</i>
1	Testing & Refining of cutting oil (Chief coordinator – Dr. K. N. Mistry)	L & T, Hazira, Surat	32,000/-	Feb. – March 1999
2	Oil testing	Textile Industries	4,130/-	Feb. – March 1999
3	Up gradation of Degree engineering college, at Valia, Dist – Bharuch	Valia Institute of Technology	7500/-per visit	Feb -08 to Feb-09
4	Performance evaluation of modified bicycle	M/S-Divine Dynamic Pvt.Ltd	18000/-	Sep-2010
5	TPI Plant & Equipments of ACQUA System	SMC-SURAT	95000/-	April-May-2013
6	Lubricant oil testing	L&T-SURAT-HAZIRA	12500/-	Aug - 2012
7	Academic Guidance	Europ Study Centre-Surat	1,50,000/-	Yrly agreement2017

ANNEXURE VI

RESEARCH PUBLICATIONS

National Journal Papers				
<i>Author</i>	<i>Title of Paper</i>	<i>Name of Journal</i>	<i>Name of Publisher</i>	<i>Month & Year</i>
D.V.Bhatt	Performance audit of MRP-system –a case study	Industrial Engg. Journal	Indian Institute of Industrial Engineering Bombay	Sept. 1997
D.V.Bhatt Dr.R.S.Shah	Codification system for machine Mfg. Industries – a case study	Industrial Engg. Journal	Indian Institute of Industrial Engineering Bombay	March 1998
D. V. Bhatt Mr. H. P. Bulsara	“Promoting Entrepreneurship culture among the engineering students – A need of nation”	The Indian Journal of technical Education	Indian Society for Technical Education New Delhi	Apr- June 2008
D.V. Bhatt B.M.Sutaria K.N. Mistry	Development of Test Rig and Experimental Study to Measure Piston Ring Assembly Friction under Different Variables	Indian Journal of Tribology Volume 5 (1),	Indian Tribology Society	2010 January
D.V. Bhatt M.A. Bulsara K.N. Mistry	Measurement of Piston ring wear in an I.C. Engine: A case study	Indian Journal of Tribology Volume 5 (1),	Indian Tribology Society	2010 January
D.V. Bhatt S. P. Ghiya	High Sensitivity TOFD UT to Reveal Reheat Cracks in Cr-Mo-V Steel Weld	Journal of non destructive testing	ISNDT	DEC-2010

International Journal Papers				
<i>Author</i>	<i>Title of Paper</i>	<i>Name of Journal</i>	<i>Name of Publisher</i>	<i>Month & Year</i>
D.V. Bhatt Sutaria B.M. Mistry K.N	Simulation of Piston Ring Friction Models of Single Cylinder Internal Combustion Engine	World Applied Science journal	WSAT on line journal	Vol 7 (8)Pp 998-1003, 2009
D.V. Bhatt Hetal Trivedi	Renewable Resources Used For Sea Water Disalination	International Journal of Advanced Engineering Research and Study E-ISSN2249-8974	IJAERS	VOL-1-ISSUE-1-OCT-DEC-2011/35-41
D.V. Bhatt M.A. Bulsara K.N. Mistry	Measurement of Oil Film Thickness between Piston Ring and Liner using Strain Gauge	Industrial Lubrication and Tribology	Emerald Group Publishing Limited [Issn 0036-8792]	2013 vol. 65(5), pp. 297-304

D.V. Bhatt M.A. Bulsara K.N. Mistry	Measurement of Oil Film Thickness for Complete Stroke Length in an Unfired I C Engine	Industrial Lubrication and Tribology	Emerald Group Publishing Limited [Issn 0036-8792]	Vol. 65, 6th Issue (Sept.) of 2013.)
D.V. Bhatt, Sudeep Ingole, Archana Charanpahari, Amol Kakade, S.S. Umare, Jyoti Menghani	Tribological Behaviour of Nano TiO ₂ as an Additive in Base Oil	International Journal on Science and Technology of Friction, Lubrication & Wear	Elsevier Publication	Vol 301, issue 1-2, April– May 2013, Pages 776–785
D.V. Bhatt, Amol Kakade, Sudeep Ingole, J.V. Menghani	Tribological Behavior of Sugar Mill Roller Shaft in Laboratory Simulated Conditions	International Journal on Science and Technology of Friction, Lubrication & Wear	Elsevier Publication	Vol 301, issue 1-2, April– May 2013, Pages 1568–1572
C. Bandapalli B.M. Sutaria D.V. Bhatt	Experimental investigation of machinability parameters in high-speed micro-end milling of titanium (grade-2)	International Journal of Advanced Manufacturing Technology	SPRINGER	July.2015
Hetal Trivedi D. V. Bhatt	Effect of Lubricating Oil on Tribological behaviour in Pin on Disc Test Rig	International Journal of Tribology in Industry	----	Vol. 39, No. 1 (2017) 90-99
Amol Kakade, Sudeep Ingole D.V. Bhatt, J.V. Menghani	Tribochemistry of sugar mill roller shaft materials	Materials Today Proceedings	Elsevier Publication	Vol. 4 (2017) 434-441
Satish More D.V. Bhatt, J.V. Menghani	Recent Research status on erosion wear – an overview	Materials Today Proceedings	Elsevier Publication	Vol. 4 (2017) 257-266
Chakradhar Bandapalli B M Sutaria D V Bhatt K K Singh	Experimental investigation and estimation of surface roughness using ANN, GMDH & MRA models in high speed micro end milling of titanium alloy (Grade 5)	Materials Today Proceedings	Elsevier Publication	Vol. 4 (2017) 1019-1028

International Conference				
<i>Author</i>	<i>Title of Paper</i>	<i>Name of Conference</i>	<i>Name of Organizer/ Publisher</i>	<i>Month & Year</i>
D.V.Bhatt Dr.K.N.Mistry	Scope of Tribological study in automobile engine under alternative fuel application	SITC2002 Poland	Department. Of Mechanics University of Zielona Gora, Poland	25-28 Aug.2002
D.V.Bhatt	Experimental study of friction	ICET-2003	KIIT	19-21

Dr.K.N.Mistry	under different variables on a piston-cylinder assembly-A case study		Bhubaneswar	Dec.2003
D.V.Bhatt Dr.K.N.Mistry	Lubricants-A key factor in automobile engine	ICET-2003	KIIT Bhubaneswar	19-21 Dec.2003
D.V.Bhatt Dr.K.N.Mistry	Experimental study of Friction under different variables on a piston-cylinder Assembly-A case study	ICME-2003	BUET-Dhaka	26-28 Dec.2003
D.V.Bhatt Dr.K.N.Mistry Nilesh Sheth	Theoretical modeling and simulation of PRA friction of an IC engine	ASME-2004 Tribology	ASME California USA	26-27 Oct.2004
D.V.Bhatt Dr.K.N.Mistry Nilesh Sheth	Modeling, Simulation and experimental comparison of various piston ring assembly friction of a 2-stroke single cylinder IC engine	SIMMOD 2005	AIT Bangkok Thailand	16-19 Jan. 2005
Dr. D.V.Bhatt Mr. B.M. Sutaria Dr.K. N. Mistry	Theoretical Analysis of Various PRA friction Models of An I.C. Engine - An over view	International Conference on Industrial Tribology,	IISc, Bangalore	30th Nov to 2 Dec 2006
Dr. D.V.Bhatt Mr. B.M. Sutaria Dr.K. N. Mistry	Friction force analysis in Piston ring assembly under motorized condition of a gasoline engine.	First international conference on RTME-08	SUEC, Maholi	23-25 Jan 2008
Dr .D .V. Bhatt, Mr. B.M. Sutaria	Simulation of Friction Models And Experimental Study on an IC Engine	International Conference	Pondichery Engg. College- Pondichery	7-9 Jan 2009
Dr. D. V. Bhatt Mr. S. P. Ghiya Dr. R. V. Rao	Stress Relief Cracking in Advanced Steel Material-Overview	WCE-2009	London, UK	1-3 July 2009
Dr. D V. Bhatt Mr. M. A. Balsara Dr. K. N. Mistry	Prediction of oil film thickness in piston ring cylinder assembly in an IC engine : A Review	WCE-2009	London, UK	1-3 July 2009
Dr .D .V. Bhatt, Mr. B.M. Sutaria Dr.K. N. Mistry	Simulation and Modeling of Friction Force and Oil Film Thickness in Piston Ring-Cylinder Liner Assembly of an I C Engine	WCE-2009	London, UK	1-3 July 2009
Dr .D .V. Bhatt, Mr. B.M. Sutaria Mr. Atul Shah	Experimental Study and Analysis Of Temperature Variation in Multicylinder Motorized Engine Test- Rig Under Different Lubricants -A Case Study	WCE-2009	London, UK	1-3 July 2009

Dr .D .V. Bhatt,Mr. B.M. Sutaria A. S. Chaudhari	Simulation of PRA friction force for Single cylinder four-Stroke S.I. engine under motorized condition.	Advances in mechanical engineering (ICAME-2009)	MED, S.V.N.I.T, Surat	PP.502-507 August, 2009
Dr .D .V. Bhatt, Mr. B.M. Sutaria	Optimization of Reciprocating Friction -Wear Test Rig Operating Parameters for Segmented Piston Ring - Liner Assembly	ICATES 2013	L.D. College of Engineering, Ahmedabad, Gujarat, India	15-17, Oct 2013
Mr. Atul Shah Dr .D .V. Bhatt,	Experimental Study and Analysis Of Temperature Variation in Multicylinder Motorized Engine Test- Rig -A Case Study	ICATES 2013	L.D. College of Engineering, Ahmedabad, Gujarat, India	15-17, Oct 2013
Mr.B.K.Sonigra Dr. B.M.Sutaria Dr .D .V. Bhatt, Dr .M .K.Bhatt,	Study on the Effect of Blend Oil with Based Oil Analysis	ICATES 2013	L.D. College of Engineering, Ahmedabad, Gujarat, India	15-17, Oct 2013
C. Bandapalli B.M. Sutaria D.V. Bhatt	High Speed Machining of Ti-alloys- A Critical Review	INACOMM	IIT ROORKEE	18-20 Dec. 2013 Presented
C. Bandapalli B.M. Sutaria D.V. Bhatt	Analysis Of Top Burr Formation In High Speed Micro End Milling Of Commercially Pure Titanium	AMPD	SVNIT SURAT	10-11 Jan. 2015 Presented
C. Bandapalli B.M. Sutaria D.V. Bhatt	Estimation of Burr Formation on Ti-6Al-4V in High Speed Micro End Milling by Experimental Investigation and ANFIS Methodology	COPEN 9	IIT MUMBAI	10-12 Dec. 2015 Presented
C. Bandapalli B.M. Sutaria D.V. Bhatt	Experimental Investigation and Estimation of Surface Roughness using ANN, GMDH & MRA models in High Speed Micro End Milling of Titanium Alloy (Grade-5)	ICMPC-2016	MNIT BHOPAL- GRIET HYDERABAD ELSEVIER	12-13 Mar. 2016 Presented
C. Bandapalli B.M. Sutaria D.V. Bhatt	Performance of Coated and Uncoated Tungsten Carbide End Mills in High Speed Micro Milling(Grade-23)	ICEMS-2016	Jaipur National University, Jaipur, India	17-19 Mar. 2016 Presented
S. R. More D.V. Bhatt J. V. Menghani	Recent Research Status on Erosion Wear – An Overview	ICMPC-2016	MNIT BHOPAL- GRIET HYDERABAD ELSEVIER	12-13 Mar. 2016 Presented

S. R. More D.V. Bhatt J. V. Menghani	Recent Research Status on Laser Cladding as Erosion Resistance Technique – An Overview	ICEMS-2016	Jaipur National University, Jaipur, India	17-19 Mar. 2016 Presented
A. B. Kakade Sudeep Ingole D.V. Bhatt J. V. Menghani	Tribochemistry of sugar mill roller shaft material	ICMPC-2016	MNIT BHOPAL-GRIET HYDERABAD ELSEVIER	12-13 Mar. 2016 Presented

National Conference				
<i>Author</i>	<i>Title of Paper</i>	<i>Name of W/Shop/Conference/Seminar/ Journal</i>	<i>Name of Organizer/ Publisher</i>	<i>Month & Year</i>
D.V.Bhatt	Value Engineering & Analysis of a Metal Reed Packing –A case study	W/Shop on Value Engg.	NITIE Mumbai	31 Aug.-11 Sep.1981
D.V.Bhatt Dr.K.N.Mistry	Friction measurement in a Reciprocating system-A case study	IPROM-2000 W/Shop	Priyadarshani Engineering College Nagpur	19-20 Jan 2001
D.V.Bhatt &H. Bulsara	A model Approach to avoid industrial sickness	Rehabilitation of Sick Units	ED-cell SVNIT-Surat	15-17 Mar 2001
D.V.Bhatt Dr.K.N.Mistry	“A failure analysis of an Entrepreneur” A-case study	SSI National policy w/shop	NISIET-UNESCO Hydra bad	27-28 July98
D.V.Bhatt Dr.K.N.Mistry	Friction and Wear of Piston-cylinder of an I.C. Engine	Industrial Tribology & Maintenance-	CEC, SVNIT Surat	15-17 Jan.2002
D.V.Bhatt	Entrepreneurship & Entrepreneur-concept and its importance in Indian context	How to start new enterprise	ED-cell SVNIT-Surat	31 Jan.-2 Feb. 2002
D.V.Bhatt Dr.K.N.Mistry	Alternative fuels in Automobile Engine	MINAC 2002	JNTU College of Engineering Anantpur (A.P.)	21 Dec.2002
D.V.Bhatt Dr.K.N.Mistry	Wear and Its Analysis-A case study	NCME 2003	Thapar Institute of Engineering & Technology PATIALA	31 st oct.-1 st Nov.2003
D.V.Bhatt Dr.K.N.Mistry	Experimental study of Friction under different variables on a piston-cylinder Assembly-A case study	NaCoMM 2003	IIT Delhi	18-19 Dec.2003
D.V.Bhatt Nilesh Sheth Dr.K.N.Mistry	Analysis of PRA friction models and development of co-relationship for a piston-cylinder system of an IC Engine and mathematical development of various PRA friction models for different lubrication conditions and	NATCON ME-2004	M.S.R.I.T. BANGALORE	12-13 March 2004

	simulation-A case study			
Dr .D .V. Bhatt, B.M. Sutaria Dr.K. N. Mistry	Strength measurement in friction welding	National Conference on AIME-2006 at	Mech. Engg. Dept. Jamia Milia Islamia, New Delhi	PP. 332-342 20-21 Jan, 2006
Dr.D.V.Bhatt Ms.Dimple Gandhi	Theoretical force analysis of manual and power steering system-a case study	AIME-2006	Mech. Engg. Dept. Jamia Milia Islamia, New Delhi	20-21.Jan. 2006
Dr.D.V.Bhatt Dr.K.N.Mistry Malini Vibhakar	Performance study of 2/4 stroke SI engine under alternative application of fuels	ETIME-2006	Mech. Engg. BMS College of Engg., Bangalore	10-11, Feb. 2006
Dr.D.V.Bhatt Mr.H.P.Balsara	Promoting entrepreneurship Culture among Engg. Students-A need of nation	AET-2006 (ISTE)	Adhiyamaay college of Engg, Hosure, T N	29-30, Mar 2006
Dr.D.V.Bhatt Mr.H.P.Balsara	A study and analysis of factors responsible for industrial sickness-A case study	AET-2006 (ISTE)	Adhiyamaay college of Engg, Hosure, T.N	29-30, Mar 2006
Dr .D .V. Bhatt, B.M. Sutaria Dr.K. N. Mistry	Analysis of PRA friction Models of an Internal Combustion Engine	Recent Developments and Future Trends in Mechanical Engineering	NIT, Hamirpur	3 & 4 Nov.2006
Dr .D .V. Bhatt, B.M. Sutaria Dr.K. N. Mistry A.S. Shah	An over view of wear mechanism, causes, and prevention in PRA of an IC Engine	ETME-2008	GCET, Anand	28-29 March 08
Dr .D .V. Bhatt, B.M. Sutaria Dr.K. N. Mistry	Development of test rig and experimental study to measure piston ring assembly friction under different variables.	TRIBO-INDIA CONF. Tribology of Automotive Systems, IIT Delhi	ITMECH, IIT, New Delhi	PP.49-53 11-12, Dec, 2009
Dr .D .V. Bhatt, B.M. Sutaria J. M. Patel	An investigation of friction between piston ring and cylinder wall of i.c. engines	TRIBO-INDIA CONF. Tribology of Automotive Systems, IIT Delhi	ITMECH, IIT, New Delhi	PP.39-42 11-12, Dec, 2009
Dr .D .V. Bhatt, B.M. Sutaria S.B. Shinde	Literature review on friction forces and piston ring dynamics	TRIBO-INDIA CONF. Tribology of Automotive Systems, IIT Delhi	ITMECH, IIT, New Delhi	PP.80-85 11-12, Dec, 2009
Dr .D .V. Bhatt, B.M. Sutaria S.B. Shinde	Simulation and analysis of friction forces at PRA and piston ring dynamics	---DO----	ITMECH, IIT, New Delhi	PP.229-234 11-12, Dec,
Dr .D .V. Bhatt, B.M. Sutaria G.B. Aware	Literature review on piston ring lubrication	TRIBO-INDIA CONF. Tribology of Automotive Systems, IIT Delhi	ITMECH, IIT, New Delhi	PP.80-85 11-12, Dec, 2009

Dr .D .V. Bhatt, B.M. Sutaria G.B. Aware	Theoretical modeling of piston ring assembly	TRIBO-INDIA CONF. Tribology of Automotive Systems, IIT Delhi	ITMECH, IIT, New Delhi	11-12, Dec, 2009
Dr. D V. Bhatt Mr. M. A. Balsara Dr. K. N. Mistry	Technique for measurement of minimum oil film thickness in a PRA system: A Review	TRIBO-INDIA CONF. Tribology of Automotive Systems, IIT Delhi	ITMECH, IIT, New Delhi	11-12, Dec, 2009
Dr. D.V. Bhatt S. P. Ghiya	Advance Fifth Generation Steel (Cr-Mo-V)	TRIBO-INDIA CONF. Tribology of Automotive Systems, IIT Delhi	ITMECH, IIT, New Delhi	11-12, Dec, 2009
Dr. D V. Bhatt Mr. M. A. Balsara Dr. K. N. Mistry	Measurement of piston ring wear in an I.C. engine: A case study	TRIBO-INDIA CONF. Tribology of Automotive Systems, IIT Delhi	ITMECH, IIT, New Delhi	11-12, Dec, 2009
Dr. D.V. Bhatt A. S. Shah	Experimental study and analysis of Temperature variation in multicylinder motorised engine test rig under different coolant- A case study	TRIBO-INDIA CONF. Tribology of Automotive Systems, IIT Delhi	ITMECH, IIT, New Delhi	11-12, Dec, 2009
A. B. Kakade D.V. Bhatt J. V. Menghani	Wear causes and remedies – A case study of sugar mill roller shaft	TFMS-2012	C.K. Pithawala college of engineering Surat	12-21 Jan 2012 Presented
C. Bandapalli B.M. Sutaria D.V. Bhatt	An Overview on Tool Wear Mechanisms in Metal Cutting	TFSTA	SVNIT Surat	27-28 May. 2016 Presented
S. R. More D.V. Bhatt J. V. Menghani	An Overview On Up gradation Of Different Laboratory Test Rig Use To Study The Slurry Erosion Wear	TFSTA	SVNIT Surat	27-28 May. 2016 Presented
A. B. Kakade D.V. Bhatt J. V. Menghani	Study of Tribological parameters of three roller sugar cane mill industry research overview	TFSTA	SVNIT Surat	27-28 May. 2016 Presented

PATENTS FILED, AWARDS & RECOGNITION:-

<i>Sr. No.</i>	<i>Name of Award</i>	<i>Name of organization which has given the award</i>	<i>Month & Year</i>
1.	Appreciation-merit certificate	FAG INDIA, Vadodara	1980
2.	Appreciation-merit certificate	New India Ind. Vadodara	1989
3.	Appreciation-merit certificate	Gujarat Narmada Auto Ltd. Bharuch	1989
4.	Best Paper Award + Rs. 10,000/- cash prize	Journal of non distractive testing, ISNDT	Dec, 2010
5	Chairman-VC scrutiny committee- VTU Karnataka-Rajbhavan-Benglure	Notification-no.GS 22 TUM 2016	15 th Sep- 2016

<i>Sr. No</i>	<i>Assigned patent Ref No</i>	<i>Filing date/year</i>	<i>Patent tile</i>	<i>Patentee</i>
1	1816/MUM/2010	17/06/2010	Technique for OFT measuring between piston ring & liner in un filer IC engine & reciprocating compressor using strain gauge.	Dr.D.V.Bhatt & Mr.Mukesh A Bulsara * Mr. Mahatre Dinesh* Dr.K.N.Mistry
2.	Application no.230210 [Designee Patent]	14/07/2010	Accessory For Two Wheelers	Dr.D.V.Bhatt Pritesh A Bhatia[student] Anant V Nihalani[student]
3.	IBR No.7971/2010, (Designee Patent)	26/11/2010	Cylinder liner segment with base plate for reciprocating and wear monitor test rig.	Dr.D.V.Bhatt & Dr.K.N.Mistry Mr. B. M. Sutaria
4.	1147/MUM/2010 Ref.no.E-18[III]/184/2011-MUM E-6/99/2011-MUM	30/03/2011	The Off-Set Levers-Gears	Multani Altaf Abdul* Dr. D.V.Bhatt Er. Atul S Shah* Mr. Parag J Trivedi*
5.	2059/MUM/2015 CBR No. 8586 Ref. No. E-2/1367/2016/MUM	16/05/2016	Supportive Motion Assembly for Bicycle Drive train	Director svnit & Dr. D.V.Bhatt Multani Altaf Abdul* Er. Atul S Shah* Mr. Parag J Trivedi*
6.	Provisional Patent Application No. 201621014950	29/04/2016	Cost free innovative use of jumper force energy	Dr. D.V.Bhatt Multani Altaf Abdul* Er. Atul S Shah* Mr. Parag J Trivedi*
7.	Provisional Patent Application No. 201621024060	14/07/2016	Innovation in automotive signal system	Dr. D.V.Bhatt Ganvir Abhisek Balakdas
8.	Provisional Patent Application No. 201721020114	08-06-2017	Water conservative attachment for western style commode	Dr D V Bhatt & Dwij V Bhatt

International patent				
1.	International patent application no. PCT/IN2016/050161	27/05/2016	Supportive Motion Assembly for Bicycle Drive train	Director svnit & Dr. D.V.Bhatt Multani Altaf Abdul* Er. Atul S Shah* Mr. Parag J Trivedi*

* Does not belong to SVNIT

ANNEXURE VIII

PH.D. /M.TECH./UG PROJECT GUIDED & SUBJECTS TAUGHT:-

<i>Ph.D.</i>	<i>M. Tech</i>	<i>UG/PDDC (BATCH)</i>	<i>Subjects</i>
04+ 1*- completed 03- in *progress Report awaited	36-Guided	23-UG 4-PDDC 1*- IN PROGRESS	Industrial Engg. -3 rd Year (M+P) Prod. Mgt.- 4 th year (M) Industrial Organization, Maintenance & Safety –2 nd year (M+P) Entrepreneurship 4 th year (M+P) Tribology 3 rd year (M)

*PH.D. CANDIDATES

- **Dr. B M Sutaria 2011**
Experimental evaluation of piston ring assembly friction using various operating arameters under motorized condition
- **Dr.M A Bulsara 2012**
Measurement and analysis of oil film thickness in a piston ring assembly for an unfired four-stroke I.C. engine
- **Dr. Atul Shah 2013**
Modeling,simulation and experimental study of Tribological parameters on multi cylinder I.C.Engine[SI] PRA system-A Case Study
- **Mr. Amol Kakade 2017**
Investigations of Tribological Parameters on Design and Developed three roller motorized system similar to sugar mill under various operating variables – A case study

ANNEXURE IX

EXPERT LECTURE DELIVERED:

<i>Sr. No</i>	<i>Title of talk</i>	<i>Name of course & place of delivery</i>	<i>Date of delivery</i>
1.	Codification system	M/s Borasara m/cs, Kim	Feb.96
2.	Industrial safety –keynote address	One day seminar-ONGC Hazira, Surat	24-02-2001 (safety day)
3.	Concept of material management of SSI.	CED program Surat	Sep.03
4.	Importance of Prod. Mgt. In SSE	CED program Surat	20 Feb.04
5.	Concept of material management of SSI.	CED program	Sep.04
6.	Importance of entrepreneurship in technical education system	VVP College of Engg. & Tech., Rajkot	25 Nov. 04
7.	Hostel management case studies	Hostel management SVNIT	Dec.04
8.	Importance of Prod. Mgt. In SSE	CED program Bilimora	15 Feb.05
9.	Faculty Shortage And Related Issue	One day workshop, ISTE Gujarat Section, Baroda	22-03-2005
10.	Production Management and purchase techniques in SSE	CED, program Ankleshwar	18-1-2006
11.	Automotive pollutants and its measures to control	National seminar on pollution, VVP. College, Rajkot	9-4-2006
12.	Production Management and purchase techniques in SSE	Girls polytechnique, Surat (CED)	24-5-2006
13.	Talk on products economics feasibility report	Institute of Engineers (I) Surat	06/02/2007
14.	Preventive maintenance measure in two-wheelers and alternative fuels	3-days Awareness Workshop on Preventive Maintenance measures for two-wheelers, SVNIT, Surat	17/03/2007
15.	Importance of Industrial Tribology	Essar Ltd., Surat	03/04/2007
16.	Importance of promoting entrepreneurship culture among youth in technical education system	ISTE Seminar Vidhya Bharati Polytechnic College, Bardoli, Surat	07/04/07
17.	Measures for Energy conservation	Administration of Dadra and Nagar Haveli (U.T.) Electricity Department Silvassa.	14/12/07
18.	Women Entrepreneurship Development	South Gujarat Productivity Council	28/12/07
19.	Key Note Address on Self Employment to unemployed Diamond Dressers	1 Day Seminar presented by DIC-Surat with Vav Panthak Pragati Mandal Surat	16/12/2008
20.	Expert Lecture on Self Employment to unemployed Diamond Dressers	DIC + SGCSA + Diamond Association	09/01/2009

21.	Expert panel chair Person – Mock Interview	ADIT- V. V. Nagar	11/01/2009
22.	Expert Lecture on “ Tribology Application”	GCET V. V. Nagar	12/01/2009
23.	Expert lecture on “ Importance of Value Added Training Program” for UG/PG Engineering Students	Degree Engineering College Bardoli	01/04/2009
24	Production Management & Purchase techniques.	CED, program Surat	18/07/2009
25	Key Note Address on Techno Entrepreneurship	Parul Institute of Technology Waghodiya	19/03/2010
26	Carrier Guidance	Patel Samaj Surat	09/05/2010
27	Carrier Guidance	Jain Samaj Terapanth Bhavan Surat	10/06/2010
28	Fundamentals of Industrial Tribology	Institute of Technology Changa	20/04/2011
29	Innovation & Entrepreneurship	SPVIT Vasad	20/09/2011
30	Fundamentals of Industrial Tribology	Maravadi Education Trust Rajkot	22/09/2013
31	Innovation & Techno Entrepreneurship	Gardi College of Engg. & Technology Rajkot	23/09/2014
32	Overview of Tribology	SVNIT	14 th -15 th Nov 2014
33	Fundamentals of Industrial Tribology	College of Engg NASIK	3 rd oct-15
34	Expert Talk on Entrepreneurship	GSET Anand	06/02/2015
35	Entrepreneurship Opportunity In Tribology	GSET Anand	09/12/2015
36	Key Note Speaker on Fundamental of tribology	Sal Institution of Technology & Engineering Research Ahmadabad	06/02/2016
37	Noise Pollution and Measured to Reduce	IIT Roorky	17/02/2016
38	Tribology In Design & It's Applications	Nirma Institute of Technology Ahmadabad	27/06/2016
39	Entrepreneurship & Innovation	Govt. Engg College Valsad	27-02-2017
40	Entrepreneurship & Innovation	Govt. polytechnic valsad	27-02-2017
41	Entrepreneurship & Innovation	Govt Engg College- Dahod	23-03-2017
42	Innovation & Patent Awareness	IE[I] SGLC-SURAT	25-05-2017

ANNEXURE X

SEMINAR/CONFERENCE/SUMMER/WINTER SCHOOL ATTENDED

<i>Sr. No.</i>	<i>Title of course</i>	<i>Organized by</i>	<i>Course duration</i>
1.	Course on VE	NITIE, Bombay	31/8-11/9 1981 (12 Days)
2.	Emerging trend in Prod. & Mfg. System	Govt. Poly. Rajkot	30/10 – 10/11 1990 (2 wks)
3.	Induction Training Phase-I	T.T.T.I., Bhopal	3/12-28/12 1990 (4 wks)
4.	Ind. Orientation	T.T.T.I Ahmedabadbad	31/12/1990-8/1/91 (1 wk)
5.	Ind. Training	GSFC, Baroda	7/1-2/2 1991 (4 wks)
6.	Predictive Maintenance of Rotating Equipment	Faculty of Technology M.S. Uni. Vadodara	25/5-6/6 1992 (2 wks)
7.	Workshop on student assessment	T.T.T.I., Bhopal	3/8-7/8 1992 (1 wk)
8.	CNC M/C Tools	T.T.T.I., Bhopal	26/12-30/12 1994 (1 wks)
9.	Ind. Institute Partnership	ISTE + SVREC, Surat	10/3-12/3 1995 (3 days)
10.	Advance Teaching Method	T.T.T.I., Bhopal	8/5-12/5 1995 (1 wk)
11.	UNESCO Workshop on preparation of models & policy alternative for SSE development	NISIET, Hyderabad	27/2-28/7 1998 (2 days)
12.	Recent trends in alternative fuel & pollution	MREC, Jaipur	20/12/99-1/1/2000 (2 wk)
13.	Reliability & Maintenance of plant & machinery	IIT, Delhi	4/12-8/12 2000 (2 wks)
14.	Advanced Tribology	IIT, Bombay	18/6-22/6 2001 (1 wk)
15.	Rehabilitation of Sick Unit	E. D. Cell, SVRCET	15/3-17/3 2001 (3 days)
16.	IPROM – 2000 Work Shop	Priyadarshini College of Engineering & Architecture, Nagpur	19/4-20/4 2001 (2 days)
17.	Workshop on Industrial Tribology & maintenance	CCE,SVNIT, Surat	15/1-17/1 2002 (3 days)
18.	How to start a new enterprise	E D Cell, SVNIT, Surat	31/1-2/2 2002 (3 days)
19.	Integration of Human Values in Tech. Education	ISTE, Faculty of Tech, Vadodara	25/8/2002 (1 day)
20.	Role of Technical Education for Sustainable Development	ISTE, A.D.Patel, Institute V.V.Nagar	13/10/2002 (1 day)
21.	32 nd Annual Convention & seminar	ISTE+ NITTE, NMAM Inst, of Tech, Mangalore	27/12-29/12 2002 (3 days)
22.	Current trend in IC engine development	Combustion Institute (India section) DRDO-Hyderabad	25/4-26/4 2003 (02 days)
23.	National conference on Recent	NCME2003	31/10-1/11 2003 (2 days)

	Development in Mechanical Engineering	Thapar Institute of Engineering & Tech. PATIALA (PUNJAB)	
24.	34 th Annual Convention & seminar	ISTE – NSIT, Delhi	18/12-20/12 2004 (3 days)
25.	11 th National conference on Machines & Mechanisms	NaCoMM2003 IIT – Delhi	19/12-20/12 2003 (2 days)
26	Third national conference on advance emerging technology	ISTE chapter, Adhiyamaay college of Engg, Hosure, T N	29-30, March 2006
27	A program on promoting technology entrepreneurship in colleges	Nirma Lab, Ahmedabad	20-4-2006
28	Recent Trends in Composite Materials	ISTE, SVNIT, Surat	15 th to 19 th January, 2007
29.	Conclave 2008 Vision India	SMA + SGCCI Surat	24 th May 2008
30.	Conference on “ Technology for rural India- Challenges and perspective”	ISTE, Netaji Subhashchandre Institute of Technology Delhi	31 st May & 1 st June 2008
31	Conference on Autonomy & Accountability of technical education in changing scenario	ATMIYA Institute of Technology & Science Rajkot	18 th October 2008
32.	3 rd Styling & Design Conclave on “ Mobility in India In 2016”	SIAM Delhi + NID Mumbai	19 th Jan 2009
33	IE(I) Training Seminar for Chairman/ Hon. Sectary	IE(I) Hyderabad	01/02/2009
34	Patent Awareness Workshop	CII Ahemdabad	13/14/ May 2010
35	International conference on Advances in Tribology & Engineering System	Gujarat Technological University Ahemdabad	15-16-17 October, 2013
36	Research perspectives on Nano Science applied to passenger car engine tribology in order to improve fuel efficiency & to reduce the carbon emission	Gujarat Technological University Ahemdabad	18/10/2014
37	National Tribology Conference NTC 2014	PES University and TSI India	15 th to 17 th Dec 2014
38	4 th industry academia workshop on A-Z of natural gas LNG	Petronet LNG Limited Dahej	30 April to 2 nd May 2015
39	Gala Meet one on industry – institute interaction	Charusat University Changa	10/10/2015
40	International science congress	IIT Delhi	4 th to 8 th Dec 2015
41	Participated as an observer during the STTP on innovation and design	IIT Delhi	15 th to 16 th Dec 2015
42	Gala Meet on industry –	Charusat University	22-23 Jan 2016

	institute interaction	Changa	
43	Workshop on outcome base education	TEQIP II SVNIT	24/02/2016

ANNEXURE XI

WORKSHOP/SEMINAR/CONFERENCE /LECTURES/INDUSTRIAL VISITS

ORGANIZED: -

<i>Sr. No.</i>	<i>Title</i>	<i>Organized by</i>	<i>Participants</i>	<i>Duration</i>
1.	Lecture series on entrepreneur scope for various disciplines	ISTE-Local chapter, SVNIT	Final year UG students	March-April-2003 (7 lectures)
2.	Work-shop on developing entrepreneurial spirit among the students	ISTE-Local chapter & ED-Cell-SVNIT	III rd year-Final year UG Students	June-2003 (1 week)
3.	Work-shop on developing entrepreneurial spirit among the students	ISTE-Local chapter, Student chapter-IE (I) & ED-Cell-SVNIT	III rd year-Final year UG Students	Nov.-2003 (1 week)
4.	EYE Check-up camp	ISTE –SVNIT Student chapters IE (I) SVNIT & Lions club, Surat	Students Faculty School Students (198 Participants)	29/11/2003
5.	UDGHOSH-2004 Techno Culture Event	Student Chapter IE (I), SGLC	Students of three engg. Colleges	10/04-11/04 2004
6.	REVV 2004 Techno Festival Co- Advisor	SAE Chapter SVNIT	Students from different NIT's & other colleges	17/04-18/04 2004
8.	One day Seminar on academic Research & development opportunities at AIT-Bangkok for higher study.	ISTE Local Chapter SVNIT Student Chapter IE(I) & Institute of engineers South Gujarat Local Centre, Surat	UG/PG Students	02/03/2005 Five faculty from AIT Bangkok have conducted the seminar
9.	One day seminar on importance and relevance of PhD to achieve Excellency in T E System	ISTE,SVNIT Chapter, under TEQIP	40 Faculty from different twelve Engineering Colleges	3-12-2005
10.	UDGHOSH-2005	Student chapters (I.E) SGLC, Surat	UG Students of various colleges	12-13- Oct.2005
11.	Autofest-2005	SAE-SVNIT, Collegiate chapter	UG Students of various colleges	14-16- Oct,2005
12.	Autofest-2006	SAE-SVNIT, Collegiate chapter	UG Students of various colleges	14-16- Oct,2006
13.	One-day Workshop on vehicle design	SAE- INDIA & SVNIT	UG Students of various colleges	23 rd Dec,2006
14.	EDP Module-1	ED-CELL, SVNIT with CED	UG Students	Oct./Nov.- 2006

15.	EDP Module-1	ED-CELL, SVNIT With CED & SMA	UG Students various colleges	Feb.-2007
16.	3-days workshop on preventive maintenance of two wheeler	TEQIP, SVNIT	UG Students various colleges	16 th to 18 th , march,2007
17.	2-day workshop on public speaking	ED-CELL, SVNIT With JCI, SURAT	UG Students And working women	5 th to 6 th may,2007
18	ENTRUMEET-2007	ED-CELL, SVNIT	UG, PG Students of various colleges.	06-07-Oct.07 More then 1000 students participated
19	AUTO-FEST-2007	SAE Collegiate chapter SVNIT	UG, PG Students of various colleges.	12-13-14- Oct.07
20	Productivity Week	South Gujarat Productivity Council Surat.(SGPC)	Executives, Entrepreneurs, Engg. / Mgt. Students/ Faculty / Govt. Officers	12-18 Feb. 08
21	EDP Module-1	SGPC with CED.	Engg. Students	Jan-Feb 08
22	AICTE –STTP Course on “Advances In Industrial Tribology & Maintenance”	Mechanical Engineering Department	Faculty from Different Colleges	21-25 July 2008
23	Entrepreneurship Awareness Camp for Students (EACS)	ED Cell-SVNIT+ ISTE	UG+PG students	12-14 Sept 2008
24	ENTRUMEET-2008	ED-CELL, SVNIT	UG, PG Students of various colleges.	21-22 Sept '08 More then 1000 students participated
25	AUTO-FEST-2008	SAE Collegiate chapter SVNIT	UG, PG Students of various colleges.	12-13-14- Oct.08
26.	Seminar on Virtual Training	IEI-SGLC + NTPC Surat	Industry Employee + PG Students	07 th Feb 2009
27	Faculty Awareness Camp on Entrepreneurship-FACE	ED Cell-SVNIT+ ISTE	Faculty from Different Colleges	27/07/2009 To 31/07/2009
28	Merit Medal Award Function	IE(I)South Gujarat Local Center Surat	Students, Members, Parents	17/09/2011
29	Workshop on Tribology and its industrial applications	MED, SVNIT	Faculty and PG students	14-15 NOV 2014
30	STTP on Fundamental of Tribology and its applications	MED, SVNIT	Faculty, Industry and PG students	6 th to 10 th July 2015
31	A short term Program on TPM	MED, SVNIT With QCFI- Surat	PG Students	5 th to 7 th March 2016
32	3-Day's Hands-on	MED, SVNIT	PG Students	21 st to 23 rd

	training workshop on SOLAR POWER PLANT			July 2016
33	5s Quality Measure	Under TEQIP II CCE& QCFI Surat	M.Tech.[CAD- CAM/MFG] Students	14 th March 2017
34	Maintenance Engg, Industrial Safety	Under TEQIP II CCE& QCFI Surat	M.Tech.[CAD- CAM/MFG] Students	15 th – 16 th March 2017
34	L & T Industry Visit	Under TEQIP II CCE& QCFI Surat	M.Tech.[CAD- CAM/MFG] Students	21 st April 2017

ANNEXURE XII

PROFESSIONAL MEMBERSHIP:

<i>Sr. No.</i>	<i>Name of Association / Society</i>	<i>Category</i>	<i>Membership No.</i>
1.	ISTE	Life Member	LM – 11277
2.	INSTITUTE OF ENGINEERS (I)	FELLOW	F-115153-5
3.	Surat Officer Gymkhana Club[class-I]	Life member	LM-1646
4.	South Gujarat Productivity Council	Life Member	LM-75
5.	Tribology Society of India	Life Member	LM-3926
6	Quality Circle Forum of India	Life Member	049902116226

ANNEXURE XIII

OTHER ACTIVITIES & ACHIEVEMENTS:

<i>Sr. No.</i>	<i>Organization</i>	<i>Category</i>	<i>Year</i>
1	Dr. S & S.S. Ghandhy college; Surat.	Workshop Superintendent	1996-97
2	Dr. S & S.S. Ghandhy college; Surat	Rector-Warden Warden	Three years Dr. Ghandhy college 98-00, SVNIT, Surat
3	SVNIT Surat	Security Incharge	1999 May – Sept.
4	E. D. Cell, SVNIT	Dept. Representative	99-2004
5	V. N. S.G. University	Senate Member (Representative of Technology Faculty)	2001-02
6	Teachers Association SVNIT – Surat	Secretary/V.P	2001-05
7	NCC- SVNIT	group leader for Earthquake relief operation at Morbi – Gujarat	2 to 6-Feb-2001
8	ISTE local chapter-SVNIT	Chairman	02-03, 03-05
9	Student Chapters IE (I)- SVNIT, Institute of Engineers, South Gujarat Local Centre, Surat	Advisor	03-04
10	SAE SVNIT Chapter	Co-Adviser	2003-05 , 2005-08
11	SVNIT Surat	Exam Superintendent	Jan 2003, jun-04,dec- 06,dec07
12	Student Chapters IE (I)- Institute of Engineers, South Gujarat Local Centre Surat	Chairman	05-06
13	ISTE	Executive member, Gujarat section	2006-2008
14	Entrepreneurship development	Prof. In charge ED Cell, SVNIT	24-03-2006 – Till Jan 2016
15	Surat Management Association	Program Coordinator	January 2007 -08
16	SAE, INDIA	National Organizing committee member for SAE-BAJA competition	21 st to 23 rd dec,2007
17	Ministry of Industry Govt. of Gujarat	Committee member of international benchmarking for Engg. & Auto Sector.	2007 to 2010 (Three Years)
18.	South Gujarat Productivity Council Surat	Program Committee chairman	2007-2009
19.	South Gujarat Chamber of Commerce India (SGCCI)	Member Engineering Committee	2008-09

20.	Institute of Engineers –India South Gujarat Local Centre Surat	Honorary Secretary Chairman	2008-2010 2010-2012
21.	Saurashtra University, Rajkot	Expert Member – Mechanical Engineering Academic Council	2009-10
22	Dean (Alumni Resource Generation)	SVNIT Surat	June 2011-Jan 2015
23	Chairman Anchor Institute Cell for Skill Development	SVNIT Surat	Jan 2013 – Jan 2016
24	Professor in charge Training and placement	SVNIT Surat	Jan 2013 – Jan 2015
25.	Executive committee member	Quality control forum of India – surat subchapter	2016-18
26	Engineering Institutions of Repute – ie.. PDPU Gandhinagar, SVIT Bharuch	Panel member for faculty recruitment	2010 onwards

- o Developed & introduced one year certificate course on techno- Entrepreneurship
- o Guided to develop single cylinder ATV vehicle for participation in SAE competition.
- o Successfully introduced various training/coaching activities to generate revenue at IE (I), SGLC Surat.
- o Developed various value added courses for UG B.Tech. students to improve employability & implemented from July 2012
- o Achieved highest placement of UG/PG students batch2013.
- o Achieved self sustainability transparent administration as Hon.Sec/Chairman-IE[I]SGLC SURAT-2008-2012

ANNEXURE XIV

LABORATORY/ EQUIPMENT DEVELOPMENTS

- FOUR test rigs are developed for study of Tribology parameters at mechanical engineering department, SVNIT Surat under Doctorate and PG Research Projects.
- Under SAE activity - Three number of single cylinder ATV – Race car development guided along with Dr. S A Channiwala faculty advisor SAE. One ATV car participated in Mini-Baja competition at Portland, USA during 11-13, May, 2006 and won the “Chairman award” The third developed ATV has participated in BAJA-SAE 07 competition at Pithampur, INDOR- M.P. during 21-23 Dec 07. The team won worth prize of Rs One lakh.
- Multi Cylinder 800 cc IC engine test rig developed to study temperature and power consumption variation under different lubricants and coolants.
- Established Tribo Maintenance laboratory for UG/PG/PhD Scholars.
- Established Incubation Centre under scheme of MSME-Govt. of India 2009-2013
- Establishment of CENTRE FOR CONTINUING EDUCATION at SVNIT-2017

Dr. D. V. Bhatt
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Former. Dean[AI&RG]
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