

CAREER PROFILE OF Dr. TUSHAR N. DESAI



1. Name : DR. TUSHAR NARENDRABHAI DESAI
2. Date of Birth / Age : 27/03/1959, 60 yrs.
3. Present Employment : Professor in Mechanical Engineering
Department, Sardar Vallabhbhai National Institute
of Technology (SVNIT), Surat, Gujarat.
4. Address (O) : Department of Mechanical Engineering,
Sardar Vallabhbhai National Institute of
Technology,
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- (R) : 7- China Gate No: 1 Housing Society,
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SURAT – 395 017, Gujarat, India
Phone No.: - (0261) 2264425
5. Total Professional Experience : From 1980 to 1984 -Industrial Field
From 1984 onwards -Academic Field
6. Area of Specialization & Interest : Industrial Engineering, Total Quality
Management (TQM), Production / Operations
Management, Six Sigma, Lean Manufacturing etc.

7. Educational Qualification

B.E. (Mechanical)	S.V.R. College of Engineering & Technology, Surat
M.E. (Mechanical)	S.V.R. College of Engineering & Technology, Surat
Ph.D. (Industrial Engineering)	RTM Nagpur University, Nagpur

8. Experience (Employment Record)

Sr. No.	Employer	Field	Designation	Duration	Nature of work & level of Responsibility
1	Magdalla Port Development Project, Surat	Industrial	Junior Engineer	1/12/80 to 13/4/81	<ul style="list-style-type: none"> • Vendor Developments • Administration
2	Voltas Ltd., Ahmedabad	Industrial	Graduate Apprentice Engineer	15/4/81 to 29/3/82	<ul style="list-style-type: none"> • Design, Errection, Commissioning, Maintenance of Air-conditioning Plants
3	LMP Precision Engg. Co. Pvt. Ltd., Bilimora, Gujarat	Industrial	Sales Engineer	1/7/82 to 30/4/84	<ul style="list-style-type: none"> • Overall Techno - commercial marketing • Market promotions
4	S. V. Regional College of Engineering & Technology, Surat	Academic	Lecturer – Mechanical Engineering	From May 1984 Onwards	<ul style="list-style-type: none"> • Teaching at UG and PG levels • Other academic & administrative activities
5	SVNIT, Surat	Academic	Associate Professor	From 2006 to 27/01/19	-----Do-----
6	SVNIT, Surat	Academic	Professor	From 28/01/19 onwards	-----Do-----

9. Professional Training

Sr. No.	Particular of Course	Organization	Duration
1	ISTE Summer School on “Finite Element Method for Mechanical Engineering”.	Department of Mechanical Engineering, SVRCET, Surat	June 7-19, 1993
2	Training Programme on “Industry Institute Partnership”	ISTE and SVRCET, Surat	March 10-12, 1995
3	Faculty Development Programme on	ICFAI, Hyderabad	May29 - June2,

	“Production Management”		1995
4	Workshop on “TQM & ISO-9000 in Technical Education”	ISTE, SVRCET, Surat Chapter	Sept. 30, 1995
5	QIP Short Term Course on “Japanese Management Philosophies & Techniques for Operations Management”	Department of Mechanical Engineering, Engineering College, Kota, Rajasthan	June 17-29, 1996
6	AICTE sponsored Winter School on “Total Quality Management”	Department of Mechanical Engineering, Institute of Technology, BHU, Varanasi, UP	Dec. 9-20, 1996
7	Workshop on “Ergo Methods, Guidelines & Standards”	NITIE, Mumbai	Sept.26-28, 2005
8	Management Development Programme on “New Trends in Quality Management”	NITIE, Mumbai	Feb. 13-17, 2006
9	Six Sigma Green Belt Programme	Yeshwantrao Chavan College of Engineering, Nagpur	Jan 30, 31 & Feb. 1, 2009
10	Faculty Development Programme on "Statistical Analysis Using SPSS"	Department of Business & Industrial Management, G.H. Bhakta Management Academy, Veer Narmad South Gujarat University, Surat	February 4-5, 2012

10. Ph. D Supervision: 07 Candidates: Completed – 2,
Ongoing- 4 (FIR), 1 (PEC) at SVNIT

11. Consultancy Projects:

Sr. No	Title
1.	Condition assessment report of Indian Institution of Industrial Engineering (IIIE) building CBD, Belapur, Navi Mumbai. Staff Associated Dr. A. K. Desai, Prof. AMD, Dr. B. Kondraivendhan, Assistant Professor, AMD and Dr. T. N. Desai, MED, SVNIT (Rendered honorary services as IIIE National Council Member 2016-2020 and IIIE Honorary Treasurer 2016-2018) Reference No: AMD/SVNIT/2016-17/ST-209
2.	Elimination of defects in nozzle of dyeing machine at M/s Bhagyarekha industries Reference No: MED/TND/Consultancy/3755/2013-14 dated 16/01/2014

12. Research Projects

Sr. No	Title
1.	Minor research project proposal on “A Critical Study Leading to the Development of Sustainable Manufacturing Practices Framework in Context to Small & Medium Enterprises of Gujarat State” submitted to Gujarat Council on Science & Technology (GUJCOST) (Department of Science & Technology), Government of Gujarat, Principal Investigator: Dr.

	Tushar N. Desai and Co-Principal Investigator: Dr. Ravi Kant , proposed budget Rs. 4,93,851/-
2	Micro Research Project entitled “Ergonomic Assessment of Workshop Operations: A case analysis at MMMUT, Gorakhpur” was approved (TEQIP-III/Micro Research Project/ 33 dated. 25/07/2019) under TEQIP III for twinning activity with MMMUT, Gorakhpur with proposed budget of Rs. 2,00,000/- Principal Investigators at SVNIT: Dr. Tushar N. Desai, Dr. Ravi Kant and Dr. Dinesh Singh Principal Investigators at MMMUT: Dr. D. K. Singh and Dr. Sanjay Mishra

13. Details of Research Publications

International Journals

Sr. No.	Title of Paper & Name of Author(s)	Name of Publisher	Month & year
1	Six Sigma – A Breakthrough Improvement Strategy for Business Improvement Dr. Tushar N. Desai & Dr. R. L. Shrivastava	International Journal of Research in Commerce and Management	September-2010 issue
2	Kaizen-In Indian Context N.K.K. Prasanna & Dr. Tushar N. Desai	International Journal of Research in Computer Application and Management	March, Vol.2, No. 3, 2011
3	Quality Assured Maintenance Management in Petrochemical Industry- N.K.K. Prasanna & Dr. Tushar N. Desai	Journal of Engineering Research and Study	Vol. 2 No. 111, 2011 pp.1-5 (ISSN No. 0976-7916)
4	Quality circle implementation for Maintenance Management in petrochemical industry- N.K.K. Prasanna & Dr. Tushar N. Desai	Journal of Engineering Research and Study	Vol. 2 No. 1, 2011, pp. 155-162
5	“Six Sigma Quality Management Technique - An overview’ Jayesh Pathak & Dr. Tushar N. Desai	Journal of Engineering Research and Study	Vol.II No. III,2011, pp.64-72
6	Impact of Human Error in Maintenance Management and Minimizing Methodology N.K.K. Prasanna & Dr. Tushar N. Desai	International Journal of Research in Commerce and Management	Vol.2 No.2,2012
7	Reduction of Rework the Six Sigma way- A case study of an Indian small scale industry	International Journal of Six Sigma and Competitive Advantage	Vol.7, No.1, 2012, pp.92-116

	Prasenjeet Gholap & Dr. Tushar N. Desai		
8	Effective Maintenance Management in Petrochemical Industries N.K.K. Prasanna & Dr. Tushar N. Desai	International Journal of Research in Commerce and Management	Vol.1, No.7, 2011, pp.36-40
9	Lean Six Sigma: A Categorized Review of the Literature Gunjan Yadav & Tushar N. Desai	International Journal of Lean Six Sigma (Scopus Indexed)	Vol. 7, No. 1, 2016
10	A Fuzzy AHP Approach to Prioritize the Barriers of Integrated Lean Six Sigma Gunjan Yadav & Tushar N. Desai	International Journal of Quality and Reliability Management (Scopus Indexed)	Vol. 34, No. 8, pp. 1167-1185, 2017
11	Review of Lean manufacturing practices- critical success factors and performance measures for SMEs Suketu Y. Jani & T.N. Desai	International Journal of Quality and Innovation (Scopus Indexed)	Vol. 3, No. 1, pp. 30-41, 2017
12	Comparison between Multiple Linear Regression (MLR) Model and Artificial Neural Network (ANN) Model for the Lean Practices of Manufacturing Industries(SMEs) of Gujarat Suketu Y. Jani, T.N. Desai & P H Darji	International Journal of Science and Technology	Vol. 10, No. 11, 2017
13	Analyzing Lean Six Sigma enablers: a hybrid ISM-fuzzy MICMAC Approach, Gunjan Yadav & Tushar N. Desai	The TQM Journal (Scopus Indexed)	Vol. 29, No. 3, pp. 488-511, 2017
14	Analysis of research trends and Constructs in context to lean six sigma frameworks Yadav, G., Seth, D. and Tushar N. Desai	Journal of Manufacturing Technology and Management (Scopus Indexed)	Vol. 28, No. 6, pp. 794-821, 2017
15	Prioritising solutions for lean six sigma adoption barriers through fuzzy AHP-Modified TOPSIS framework Gunjan Yadav, Tushar N. Desai & Dinesh Seth	International Journal of Lean Six Sigma (Scopus Indexed)	Vol. 9, No. 2, 2018
16	Application of hybrid framework to facilitate lean six sigma implementation: A manufacturing company case experience Gunjan Yadav, Dinesh Seth & Tushar N. Desai	Production Planning & Control (SCI & Scopus Indexed)	Vol. 29, No. 3, pp. 185-201, 2018
17	A systematic review and meta-	International Journal of Logistics	Vol. 22, No. 4,

	analysis of recent development in Sustainable Supply Chain Management Patel A & Tushar N. Desai	Research and Applications (Scopus Indexed)	pp. 349-370, 2019
18	Development of a structural framework to enhance sustainable supply chain adoption – An ISM-fuzzy MICMAC approach Patel A & Tushar N. Desai	International Journal of Business Excellence (Scopus Indexed)	Under Review
19	A systematic literature review on sustainable lean six sigma: current status and future research direction Parmar Pranay & Tushar N. Desai	International Journal of Lean Six Sigma (Scopus Indexed)	Published
20	Prioritization of sustainable manufacturing barriers using Best Worst Method Javed Malek & Tushar N. Desai	Journal of Cleaner Production (Science Citation Index Expanded & Scopus Indexed)	Volume 226, pp. 589-600, 20 July 2019
21	Evaluating sustainable lean six sigma enablers using fuzzy DEMATEL: A case of an Indian manufacturing organization Parmar Pranay & Tushar N. Desai	Journal of Cleaner Production (Science Citation Index Expanded & Scopus Indexed)	Volume 265, 20 August 2020
22	Analysis of factors affecting sustainable supply chain management adoption in Indian textile industries Patel A & Tushar N. Desai	International Journal of Mathematical Engineering and Management Science	Accepted
23	Interpretive structural modelling based analysis of sustainable manufacturing enablers Javed Malek & Tushar N. Desai	Journal of Cleaner Production (Science Citation Index Expanded & Scopus Indexed)	Volume 238, 20 November 2019
24	A systematic literature review to map literature focus of sustainable Manufacturing Javed Malek & Tushar N. Desai	Journal of Cleaner Production (Science Citation Index Expanded & Scopus Indexed)	Volume 256, 20 May 2020

National Journals

Sr. No.	Title of Paper & Name of Author(s)	Name of Publisher	Month & year
1	Development of Taper Threading Attachment on Lathe	Journal of Engineering & Technology, Sardar Patel Uni.,	March – 1998

	Dr. H. J. Nagarsheth & Dr. T. N. Desai	Vallabh Vidyanagar, Gujarat	
2	Six Sigma: A Break through Improvement Strategy: Revolution for Indian Industries Dr.D. A. Desai & Dr. T. N. Desai	Journal of Engineering & Technology, Sardar Patel Uni., Vallabh Vidyanagar, Gujarat	December - 2007
3	Total Quality Management for Excellence in Technical Education Dr.T. N. Desai	The Indian Journal of Technical Education- Indian Society for Technical Education, New Delhi.	Oct-Dec, 2009
4	Lean Manufacturing-Philosophy & Principles Dr.T. N. Desai	Industrial Engineering Journal- Indian Institution of Industrial Engineering	Feb,2010
5	A study of the interrelationship between Total Quality Management and Productivity Dr. Tushar Desai & Mr. Akhil Teja	Journal of Productivity – National Productivity Council, New Delhi	January-March 2010
6	Technical Educational Quality and Productivity Improvement Model through Total Quality Management and Operations Strategies Dr. Tushar Desai	Indian Journal of Technical Education –Indian Society for Technical Education, New Delhi.	April-June,2010
7	Statistical Concepts associated with Six Sigma – An overview Dr. Tushar N. Desai & Dr. R. L. Shrivastava	Industrial Engineering Journal- Indian Institution of Industrial Engineering	June,2010
8	Overcoming barriers to Total Quality Management’s Success Dr. Tushar Desai	Journal of Productivity- National Productivity Council, New Delhi	July –Sept. 2010, Vol.51 No.2
10	A Review & Comparison of Total Quality Management & Six Sigma Dr. Tushar N. Desai & Dr. R. L. Shrivastava	VNSGU Journal of Administration & Management	Dec.-2010 issue.
12	“Implementing Design for Six Sigma as A Design Tool to Develop Defect Free Product Design Cycle” Dr. Tushar N. Desai & Mr. Ravi Kastoori	Manufacturing Technology & Management- Indian Institution of Production Engineers	December, 2010
14	Quality Circles – applicable to Maintenance Management in a Petrochemical Industry N.K.K. Prasanna & Dr. Tushar N. Desai	Journal of Engineering Research and Study	April, 2011
13	The Origin, History and Definition of Six Sigma Dr. Tushar N. Desai & Dr. R. L. Shrivastava	VNSGU Journal of Administration & Management	June,2011 issue

11	Comparison of Six Sigma with Total Quality Management, Kaizen, Quality Circles, Juran Quality Improvement, Lean Management, ISO 9000 & Business Excellence Awards Dr. Tushar N. Desai & Dr. R. L. Shrivastava	Industrial Engineering Journal-Indian Institution of Industrial Engineering	July 2011
15	Advanced Quality Management Philosophies and Techniques – Applied to Maintenance Management in a Petrochemical Industry N.K.K. Prasanna & Dr. Tushar N. Desai	Journal of Engineering Research and Study	Vol. 2 No. 111, 2011, p.p. 10-18
16	Effective Maintenance Management in Petrochemical Industry N.K.K. Prasanna & Dr. Tushar N. Desai	Journal of Engineering Research and Study	Vol.1 No.7, 2011
9	An Effective application of Design of Experiments in Process Industry Dr. Tushar N. Desai, Shri. Vimal Vyas & Dr. R. L. Shrivastava	Industrial Engineering Journal-Indian Institution of Industrial Engineering	February 2012
17	Overcoming barriers to Six Sigma Quality Management's Success Dr. Tushar Desai & Dr. R. L. Shrivastava	Industrial Engineering Journal-Indian Institution of Industrial Engineering	August 2012
18	Six Sigma in a Indian Chemical Industry –a Case Study Jayesh Pathak, Dr. Tushar N Desai & Ashish Chauhan	Industrial Engineering Journal-Indian Institution of Industrial Engineering	Vol. VI, No. 12, December 2013
19	Perspectives of Insurance Companies Regarding Service Quality Management and Improvement Mahesh R. Shukla, Dr. R. L. Shrivastava & Dr. Tushar N. Desai	Industrial Engineering Journal-Indian Institution of Industrial Engineering	Vol. VIII Issue No. 02, February 2015
20	Strength and Challenges of Integrated Lean Six Sigma in context of Manufacturing Industries Gunjan Yadav & Dr. Tushar N. Desai	Industrial Engineering Journal-Indian Institution of Industrial Engineering	Vol. VIII, No. 3, March 2015
21	Reduction of rework cost in manufacturing industry using statistical process control techniques: A case study	Industrial Engineering Journal-Indian Institution of Industrial Engineering	Vol. X, No. 6, June 2017

	Pranay S Parmar & Dr. Tushar N. Desai		
22	A structural equation model assessment of critical success factors (CSFs), lean performance indicators (PIs) and barriers for automotive industries N. D. Chauhan & Dr. Tushar N. Desai	Industrial Engineering Journal-Indian Institution of Industrial Engineering	Accepted
23	Development of enabler based hierarchical structure to facilitate the implementation of lean six sigma Gunjan Yadav & Dr. Tushar N. Desai	Industrial Engineering Journal-Indian Institution of Industrial Engineering	Vol. X, No. 5, May 2017
24	Work Content Reduction of Chassis Assembly Line Using MOST- A Case Study Hitesh Mhatre, Dr. H. T. Thorat & Dr. Tushar N. Desai	Industrial Engineering Journal-Indian Institution of Industrial Engineering	Accepted
25	Municipal solid waste management in India: A review Harshal Patel & Dr. Tushar N. Desai	Industrial Engineering Journal-Indian Institution of Industrial Engineering	Accepted
26	A review of current status of Industry 4.0 implementation around the globe and future opportunities for India Awadesh Yadav & Dr. Tushar N. Desai	Industrial Engineering Journal-Indian Institution of Industrial Engineering	Accepted

International Conferences

Sr. No.	Title of Paper & Name of Author(S)	Name of Conference	Name of Organizer	Month & year	Presentation / Publication
1	Ergonomic Product Design Model based on a Quality Function Deployment Design System Dr. T. N. Desai	International Conference on Humanizing Work & Work Environment HWWE-2005	IIT, Guwahati, Assam	December 10-12, 2005	Paper Presented & published
2	Cost of Quality: A Key Performance Indicator for TQM Darshak A. Desai & T. N. Desai	First International & 22 nd All India Manufacturing Technology Design & Research Conference	IIT, Roorkee, Uttranchal	December 21-23, 2006	Paper Presented & published

3	Total Quality as a New Global Competitive Strategy Dr. T.N. Desai & Dr.Darshak A. Desai	International Conference on Advances in Manufacturing & Technology Management	Parshvanath College of Engg., Thane, Mumbai in association with Mumbai University	January 18-20, 2007	Paper Presented & published
4	Quality Indicators for Technical Education System Dr.T. N. Desai, Dr.Darshak A. Desai & Dr. R. L. Shirvastava	International Conference on Quality Management Practices	Institute of Technology & Management, Navi Mumbai, Maharashtra	August 16-17, 2007	Paper Presented & published
5	Adopting and Implementing Six Sigma in an Indian Industry Dr.T. N. Desai, P.P. Shah & Dr. R. L. Shirvastava	International Conference on Quality Management Practices	Institute of Technology & Management, Navi Mumbai, Maharashtra	August 16-17, 2007	Paper Presented & published
6	Engine Assembly Process Quality Improvement using Six Sigma Dr. R. L. Shrivastava, Khwaja Izhar Ahmed & Dr.T.N.Desai	International Conference of Manufacturing Engineering and Engineering Management	World Congress on Engineering, London, UK	July 2-4, 2008	Paper presented and published
7	Six Sigma: A Breakthrough Business Improvement Strategy for Achieving Competitive Advantage – A Case Study Dr.T.N. Desai & Dr.R.L.Shrivastava	International Conference on Emerging Trends in Engineering and Technology	Raisoni College of Engineering, Nagpur	July 16-18, 2008	Paper presented and published
8	Six Sigma – A New Direction to Quality and Productivity Management Dr. T. N. Desai & Dr. R. L. Shirvastava	International Conference on Systems Engineering & Engineering Management	World Congress on Engineering and Computer Science(WCE CS-2008) at SanFrancisco, USA	October 22-24, 2008	Paper presented & published
9	Six Sigma and Maintenance	International Conference on Industrial	World Academy of	July 27-29, 2011	Paper presented &

	Management in a Chemical Industry – A Case Study J. J. Pathak & Dr.T. N. Desai	Engineering and Systems Management	Science, Engineering & Technology (WASET) Paris, France		published
10.	Integration of Maintenance Strategies for Improved Asset Reliability and Availability N.K.K. Prasanna, Shakti Akula & Dr.T. N. Desai	International Conference on Industrial Engineering and Engineering Management	IEEE, Singapore	December 6-9, 2011	Paper Presented & Published
11.	Impact of Human Error in Maintenance Management and Minimizing Methodology N.K.K. Prasanna & Dr.T. N. Desai	International Conference on Industrial Engineering in association with Indian Institution of Industrial Engineering, National Head Quarter, Mumbai	SVNIT, Surat	November 17-19, 2011	Paper Presented & Published
12.	Effective Maintenance Management in Petrochemical Industries N.K.K. Prasanna & Dr.T. N. Desai	International Conference on Industrial Engineering in association with Indian Institution of Industrial Engineering, National Head Quarter, Mumbai	SVNIT, Surat	Nov. 17-19, 2011	Paper Presented & Published
13.	Six Sigma in Indian Chemical Industry J. J. Pathak & Dr.T. N. Desai	International Conference on Industrial Engineering in association with Indian Institution of Industrial Engineering, National Head Quarter, Mumbai	SVNIT, Surat	November 17-19, 2011	Paper Presented & Published
14.	Critical Success Factors of Six Sigma – An Empirical Study of Indian Industries - T. N. Desai & Dr. R. L. Shirvastava & O. P. Yadav	International Conference on Industrial Engineering in association with IIIE, National Head Quarter, Mumbai	SVNIT, Surat	17-19 November 2011	Paper Presented & Published
15.	Optimization of Fly Ash Utilization through Six Sigma DMAIC Methodology: A case study at Cement	International Conference on Industrial Engineering in association with Indian Institution of Industrial	SVNIT, Surat	17-19 November 2011	Paper Presented & Published

	Industry P. C. Gholap, Dr.T. N. Desai & A. S. Sathe	Engineering, National Head Quarter, Mumbai			
16.	Enhancing Quality Function Deployment Tool as Improving the Customer Product Design- Dr. T.N. Desai	International Conference on Information, Knowledge and Research in Engineering, Technology & Sciences	G.K. Bharad Institute of Engineering, Rajkot, Gujarat and A.E.S., Sangli, Maharashtra	March 24-25, 2012	Paper Presented & Published
17.	Formulating a Quality Circle Group to Upgrade Quality in Modern Industrial Environment- Dr. T.N. Desai	International Conference on Information, Knowledge and Research in Engineering, Technology & Sciences	G.K. Bharad Institute of Engineering, Rajkot, Gujarat and A.E.S., Sangli, Maharashtra	March 24-25, 2012	Paper Presented & Published
18.	A Study of Procurement Process in a Petro Chemical Industry in India N. K. K. Prasanna & Dr. T. N. Desai	1 st International Conference on Best Practices in Supply Chain Management	Deptt. Of Mech. Engg., Institute of Technical Education & Research, Siksha 'O' Anusandhan University, Bhubaneshwar	November 22-23, 2012	Paper Presented and Published
19.	Quality Improvement in Steel Making Plant using Six Sigma DMAIC Methodology - Ganesh Chouhan, Dr. T. N. Desai & Nikunj H. Patel	1 st International Conference on Best Practices in Supply Chain Management	Deptt. Of Mech. Engg., Institute of Technical Education & Research, Siksha 'O' Anusandhan University, Bhubaneshwar	November 22-23, 2012	Paper Published Page 7
20.	Reduction of Problem Related to Engine Valve Stem Assembly in a Company using Cause and Effect Diagram – Jigar A Doshi & Dr. T. N. Desai	1 st International Conference on Best Practices in Supply Chain Management	Deptt. Of Mech. Engg., Institute of Technical Education & Research, Siksha 'O' Anusandhan University, Bhubaneshwar	November 22-23, 2012	Paper Published Page 28
21.	A Review on scope of	International Conference	SVNIT, Surat	20-22	Paper

	Lean Manufacturing in Small and Medium Enterprises of Gujarat S.Y. Jani & T.N. Desai	on Industrial Engineering ICIE-2013		November 2013	Presented & Published
22.	Utilization of Exhaust Gas for Power Generation using DMAIC Ganesh Chouhan & T.N. Desai	International Conference on Industrial Engineering ICIE-2013	SVNIT, Surat	20-22 November 2013	Paper Presented & Published
23.	Application of Six Sigma DMAIC Methodology Daulat Singh & T.N. Desai	International Conference on Industrial Engineering ICIE-2013	SVNIT, Surat	20-22 November 2013	Paper Presented & Published
24.	Value Engineering on Rework Reduction in Shipbuilding Project S.R. Prajapati & T.N. Desai	International Conference on Industrial Engineering ICIE-2013	SVNIT, Surat	20-22 November 2013	Paper Presented & Published
25.	Reliability Improvement of Centrifugal Compressors in Petrochemical Industries by following Standard Practices V. Sisodia, S. k. Singh, Sani. A. Patel & T.N. Desai	International Conference on Industrial Engineering ICIE-2013	SVNIT, Surat	20-22 November 2013	Paper Presented & Published
26.	An Instrument for Measuring the Leanness in SMEs: A Pilot Study S.Y. Jani & T.N. Desai	57 th National Convention and 3 rd International Conference on Industrial Engineering ICIE-2015	SVNIT, Surat	26-28 November 2015	Paper Presented & Published
27.	Modelling the barriers of Lean Six Sigma: An integrated ISM- Fuzzy MICMAC approach Gunjan Yadav, Tushar N. Desai	57 th National Convention and 3 rd International Conference on Industrial Engineering ICIE-2015	SVNIT, Surat	26-28 November 2015	Paper Presented & Published
28	Implementation of Lean Manufacturing Techniques to Improve Productivity in Bearing Manufacturing	57 th National Convention and 3 rd International Conference on Industrial Engineering ICIE-2015	SVNIT, Surat	26-28 November 2015	Paper Presented & Published

	Company N.D. Chauhan, Dr. M. N. Qureshi, Dr. T. N. Desai, P.T. Trivedi				
29	Identification and Hierarchical Structuring of Enablers of Integrated Lean Six Sigma Gunjan Yadav, Tushar N. Desai	13 th International Conference on Science and Engineering Research (ICSER)	Bangkok, Thailand	16-17 Dec, 2015	Paper Presented & Published
30	Application of Value Engineering to Rework Reduction in Ship Building Project- Tushar N. Desai	2 nd International Conference on Mechanical Design and Manufacturing (ICMDM 2015)	Phuket, Thailand	27-28, December 2015	Paper Presented & Published
31	Measuring the Degree of Leanness in Automobile Industry within Gujarat State: A Pilot Study Nareshkumar Chauhan, Dr. M. N. Qureshi, Dr. T.N. Desai	First International Conference on Research & Entrepreneurship	R. K. University, Rajkot	5-6 January, 2016	Presented poster
32	Development of Six Sigma: A Structured Review of Methodological Expansion Sitendra Pandey, Gunjan Yadav, Tushar N. Desai	58 th National Convention and International Conference on “Smart Strategies for Digital World- Industrial Engineering Perspective”	Shri Ramdeobaba College of Engineering & Management, Nagpur	21-22 October, 2016	Presented & Published
33	A Study of Major Barriers of Lean Manufacturing in MSMEs of South Gujarat Region – A Survey Result Prasad Chandan Chandra, Gunjan Yadav, Tushar N. Desai	58 th National Convention and International Conference on “Smart Strategies for Digital World- Industrial Engineering Perspective”	Shri Ramdeobaba College of Engineering & Management, Nagpur	21-22 October, 2016	Presented & Published
34	An Analysis & Technique of Value Stream Mapping Ankit Shastri, Gunjan Yadav, Tushar N.	58 th National Convention and International Conference on “Smart Strategies for Digital World- Industrial	Shri Ramdeobaba College of Engineering & Management,	21-22 October, 2016	Presented & Published

	Desai	Engineering Perspective”	Nagpur		
35	Cost of Quality Models and Its Implementation in Manufacturing Firm Case Study Rikin Patel, Gunjan Yadav, Tushar N. Desai	58 th National Convention and International Conference on “Smart Strategies for Digital World- Industrial Engineering Perspective”	Shri Ramdeobaba College of Engineering & Management, Nagpur	21-22 October, 2016	Accepted for Publication
36	A hybrid Multi Criteria Decision Making Approach to rank Lean Six Sigma barriers, Gunjan Yadav and Tushar N. Desai	Annual Summit on Research and Innovation (SRI-2016)	SVNIT, Surat	October 15, 2016	Poster Presentation
37	Reducing rejection through DMAIC approach in Indian manufacturing industry: A six sigma case study, Pranay S Parmar, Tushar N Desai	International Conference on Manufacturing And Industrial Engineering (ICMIE- 2017)	MGM's Jawaharlal Nehru Engineering College, Aurangabad (Maharashtra)	September 14-16, 2017	Paper Presented & Published
38	Reducing rejection through DMAIC approach in Indian manufacturing industry: A six sigma case study, Pranay S Parmar, Tushar N Desai and Ravi Kant	International Conference on Manufacturing And Industrial Engineering (ICMIE- 2017)	MGM's Jawaharlal Nehru Engineering College, Aurangabad	September 14-16, 2017	Presented & Published
39	A Hybrid Fuzzy AHP-ELECTRE Approach to Rank Lean Six Sigma Solutions: Case Experience of a Manufacturing Organisation, Pooja Ghodasara, Gunjan Yadav, Dinesh seth and Tushar N Desai	4 th International Conference on Industrial Engineering (ICIE 2017)	S. V. National Institute of Technology, Surat	December 21-23, 2017	Presented & Published
40	Sustainable Manufacturing: A Review and Application in Indian	4 th International Conference on Industrial Engineering (ICIE 2017)	S. V. National Institute of Technology, Surat	December 21-23, 2017	Presented & Published

	Manufacturing Industries, Javed Malek and Tushar N Desai				
41	Six Sigma Approach for Sustainability in Manufacturing Industries: A Review, Pranay Parmar and Tushar N Desai	4 th International Conference on Industrial Engineering (ICIE 2017)	S. V. National Institute of Technology, Surat	December 21-23, 2017	Presented & Published
42	Linkages between Critical Success Factors and Performance Measures for Improvement in Service Quality, Mahesh Shukla, Rashmi Shrivastava, Rakesh Shrivastava and Tushar N Desai	4 th International Conference on Industrial Engineering (ICIE 2017)	S. V. National Institute of Technology, Surat	December 21-23, 2017	Presented & Published
43	Prioritisation of Sustainable Manufacturing Enablers (SMEs) through Application of Fuzzy AHP Approach Javed Malek and Tushar N Desai	International Conference on Role of Industrial Engineering in Industry 4.0 Paradigm (ICIEIND)	Institute of Technical Education and Research (ITER), Odisha	September 27-30, 2018	Presented & Published
44	Industry 4.0: Some glimpse on security in Internet of Things (IoT) Pranay Parmar and Tushar N Desai	International Conference on Role of Industrial Engineering in Industry 4.0 Paradigm (ICIEIND)	Institute of Technical Education and Research (ITER), Odisha	September 27-30, 2018	Presented & Published
45	The brief discussion about enablers and hurdles through sustainable supply chain management practices Ashish Patel and Tushar N Desai	International Conference on Role of Industrial Engineering in Industry 4.0 Paradigm (ICIEIND)	Institute of Technical Education and Research (ITER), Odisha	September 27-30, 2018	Presented & Published
46	Ranking the Enablers of Sustainable Lean Six Sigma Implementation in the Indian Manufacturing Organization	61 st National Convention and 5 th International Conference on Industrial Engineering ICIE-2019	SVNIT, Surat	12-14 December 2019	Paper Presented & Published

	Pranay Parmar and Tushar N Desai				
47	Productivity Improvement through Application of 5s and Kaizen: A Case of Indian Organization Jay Vegad, Meet Solanki and Tushar N. Desai	61 st National Convention and 5 th International Conference on Industrial Engineering ICIE-2019	SVNIT, Surat	12-14 December 2019	Paper Presented & Published
48	Prioritisation of Sustainable Manufacturing Barriers (SMB's) Using Fuzzy AHP Javed Malek and Tushar N Desai	61 st National Convention and 5 th International Conference on Industrial Engineering ICIE-2019	SVNIT, Surat	12-14 December 2019	Paper Presented & Published

National Conferences

Sr. No.	Title of Paper & Name of Author(s)	Name of Conference	Name of Organizer	Month & year
1	Work Sampling: A Case Study Dr. T. N. Desai	National conference on ISTAM	SVRCET, Surat	December 28-31, 1997
2	Consideration of Ergonomic Aspects to Industrial Engineering and Development of an Industrial Workplace Layout Design Dr. T.N. Desai & Dr.H.J.Nagarsheth	National Conference on Humanizing Work and Work Environment	National Institute of Industrial Engineering (NITIE), Mumbai	April 22-24, 2004
3	Application of Techniques of TQM to Industrial Activities as a Case Study Dr. T.N. Desai & Dr.H.J.Nagarsheth	National Conference on "Challenges in Achieving in Global Quality"	Thiagarajar College of Engg., Madurai, Tamilnadu	May 24-25, 2004
4	Quality Improvement through 5-S Campaign Dr.T.N. Desai	National Conference on Emerging Trends in Mech. Engg.	Padre Conceicao College of Engg., Goa	September 12-14, 2004
5	Kaizen Approach to Enhance the Competitiveness in Terms of Productivity & Quality Dr. T.N. Desai	National Conference on Advances in Mech. Engg.	Thiagarajar College of Engg., Madurai, Tamilnadu	May 2-3, 2005
6	Application of Failure Mode & Effects Analysis- Application of	National Conference on Advances in	Vasavi College of Engg., Hyderabad	May 13-14, 2005

	Techniques of TQM to Industrial Activities Dr. T.N. Desai & H.J.Nagarsheth	Mechanical Engineering		
7	World Class Manufacturing & Just-In-Time Manufacturing for Competitive Advantage Dr.T.N. Desai	National Conference on Advances in Mechanical Engineering	Jamia Millia Islamia Uni., New Delhi	January 20-21, 2006
8	Getting Lean-The Route to Manufacturing Excellence Dr. T.N. Desai	National Conference on Application of Advanced Quality Methods in Engineering & Technology	Erode Sengunthar Engg. College, Erode, Tamilnadu	February 23-24, 2006
9	Enhancing Quality in Technical Education through Total Quality Management Principles Dr. T.N. Desai	National Conference on TQM for Continuous Quality Improvement in Technical Education	Deptt. Of Mechanical Engineering, NMAM Institute of Technology, NITTE, Karnatak	March 2-3, 2006
10	Total Quality Management & Quality Function Deployment: Approaches to Manage Competitiveness in terms of Quality & Productivity Dr. T.N. Desai &Dr. Darshak A. Desai	National Conference on Current Trends in Technology, NUCONE – 2006	Institute of Technology, Nirma University, Ahmedabad	November 30 –Dec.2, 2006
11	Six Sigma – A Breakthrough Improvement strategy: Prospects & Challenges for Indian Industries Dr. Darshak A. Desai & Dr.T. N. Desai	All India Seminar on Challenges for Quality & Reliability	Jointly Organized by NIT, Rourkela & The Institution of Engineers, Rourkela	November 4-5, 2006
12	Kaizen: A Tool of Total Quality Management for Continuous Improvement Dr. T.N. Desai & Dr.Darshak A. Desai	48 th National Convention of Indian Institute of Industrial Engineering	Indian Institute of Industrial Engineering, Bangalore Chapter, Karnataka	September 29-30, 2006
13	5 – S: A Technique of Total Quality Management – A Case Study Dr. T.N. Desai & Dr.Darshak A. Desai	48 th National Convention of Indian Institute of Industrial Engineering	Indian Institute of Industrial Engineering, Bangalore Chapter, Karnataka	September 29-30, 2006

14	Six Sigma Concepts and Critical Success Factors Dr. T.N. Desai & Dr.R.L.Shrivastava	All India Seminar on Organizational Excellence for Global Competitiveness	The Institution of Engineers, Nagpur local centre and Yeshwantrao Chavan College of Engineering, Nagpur	January 19-20, 2008
15	Basic Concept of Six Sigma- Dr.T. N. Desai & Rajkumar Satankar	All India Seminar On Mapping Excellence Towards Global Competitiveness-08	The Institution of Engineers, Mumbai Chapter in association with ITM, Mumbai and YCCE	October 16-17, 2008
16	A journey to 'Kaizen'- Gaurav Sharma, Dr.T. N. Desai & Rajkumar Satankar	All India Seminar On Mapping Excellence Towards Global Competitiveness-08	The Institution of Engineers, Mumbai Chapter in association with ITM, Mumbai and YCCE, Nagpur	October 16-17, 2008
17	Quality Award for Mapping Business Excellence Rajkumar Satankar, Gaurav Sharma & Dr. T. N. Desai	All India Seminar On Mapping Excellence Towards Global Competitiveness-08	The Institution of Engineers, Mumbai Chapter in association with ITM, Mumbai and YCCE, Nagpur	October 16-17, 2008
18	Lean Six Sigma Framework for a Manufacturing Concern- Dr.T. N. Desai, Vimal Vyas & Dr. R. L. Shrivastava	51 st National Convention of Industrial Engineers	The Indian Institution of Industrial Engg; Nagpur Chapter & Shri Ramdev Baba Kamla Nehru Engg. College, Nagpur	December 4-5, 2009
19	Analysis of Plant Layout using Work Study Technique Ganesh Chouhan & Dr.T. N. Desai	All India Seminar on Quality Progress- 2012	The Indian Institution of Industrial Engg; Nagpur Chapter	February 25-26, 2012
20	Project Critical Chain Management with help of Industrial Engineering Tool S.R.Prajapati & Dr.T.N.Desai	All India Seminar on Quality Progress- 2012	The Indian Institution of Industrial Engg; Nagpur Chapter	February 25-26, 2012
21	Continuous Improvement through	All India Seminar on Quality Progress- 2012	The Indian Institution of	February 25-26, 2012

	Kaizen System in an Educational Institute Tinkoo Mathur, Himanshu Raval, Tejas Parmar & Dr.T.N.Desai		Industrial Engineering, Nagpur Chapter	
22	Lean Six Sigma Framework for a Manufacturing Concern- Dr.T. N. Desai & Dr. R. L. Shrivastava	COMEX 2012- National Conference on Operations & Manufacturing Excellence	Shri Ramdeobaba College of Engineering & Management, Nagpur	March 5-6, 2012
23	Lean and Six Sigma: A Review and Application in Process Industries Gunjan Yadav, Dr. Tushar N. Desai	National Conference on Industrial Engineering and Technology- 2014	NITIE, Mumbai	October 29-31, 2014
24	A Lean Practice Framework for Manufacturing Industries: A Critical Review in context of Maharashtra SMEs- S.Y. Jani & T.N. Desai	National Conference on Industrial Engineering and Technology- 2014	NITIE, Mumbai	October 29-31, 2014
25	Quality and Productivity Improvement in Small Scale Industry Hemangi Patel, Ashish Gohil, Sanjay Desai, Dr. T.N. Desai	4 th Annual Quality Conference organized by American Society for Quality (ASQ)	Nirma Institute of Management Studies, Ahmedabad	November 15, 2014
26	An Applications of Lean Manufacturing Principles, Tools and Techniques in Industry- N.D. Chauhan, Dr. M. N. Qureshi, Dr. T. N. Desai, R.B. Dave	National Conference on “Recent Advances in CAD/CAM/CAE (NCRACCC 2015)	C.U. Shah College of Engineering & Technology, Wadhwan City, Gujarat	August 7, 2015
27	Identification of Critical Success Factors & Performance Measures for Lean Manufacturing Practices: A Review in context of SMEs- S.Y. Jani & T.N. Desai	National Conference on “Recent Advances in CAD/CAM/CAE (NCRACCC 2015)	C.U. Shah College of Engineering & Technology, Wadhwan City, Gujarat	August 7, 2015

28	Development of enabler based hierarchical structure to facilitate the implementation of Lean Six Sigma- Gunjan Yadav, Tushar N. Desai	National Conference on “Innovative Trends in Mechanical Engineering”	Shri Mata Vaishno Devi University, Katra, J&K	March 3, 2017
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14. Subjects Taught & Teaching

Subject	Level
Total Quality Management (TQM) Production Management Advanced Production Planning & Control Operations Planning & Control, Quality Engineering & Management	M. Tech. and Final Year
Industrial Engineering (Institute Elective)	Third Year
Engineering Drawing	First Year

15. Recognized guide for PhD:

1. Recognized guide for PhD at Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat.
2. Recognized Guide for PhD at C. U. Shah University, Wadhwan, Surendranagar, Gujarat.

PhD Thesis Supervised

Sr. No.	Name of Student	Thesis Title	Status
1	Gunjan Yadav (FIR at SVNIT)	Study of Lean Six Sigma Implementation in Indian Manufacturing organizations	Completed
2	Suketu Y.Jani (PEC at C.U.Shah University)	Development of Lean Model for SMEs in Gujarat State	Completed
3	Ashish B.Patel (PEC at SVNIT)	Development of Supply Chain Management Framework for Performance Improvement in Textile Industries of South Gujarat Region	Four and Half Years completed
4	Malek Javed (FIR at SVNIT)	Development of Sustainable Manufacturing Practices Framework for MSMEs of Gujarat State	Three and Half Years completed
5	Pranay Parmar (FIR at SVNIT)	A Study of Sustainable Lean Six Sigma Implementation in Indian Manufacturing Organisations	Three Years completed

6	Harshal Patel (FIR at SVNIT)	A Study of Sustainable Waste Management in Selected Indian Manufacturing Industries	Course Work
7	Awadesh Yadav (FIR at SVNIT)	A Study of Industry 4.0 Implementation for Selected Indian Manufacturing Organizations	Course Work

M. Tech (Research) Thesis Supervised

Sr. No.	Year	Name of Student	Roll No.	Specialisation	Thesis Title
1	2010-2012	Jayesh J. Pathak	R10ME104	General Mechanical	Development of Six Sigma implementation Model for Performance improvement of process equipment in Indian Chemical Industries
2	2010-2012	N K Keshava Prasanna	R10ME103	General Mechanical	Advanced Quality Management Philosophy and Techniques applied to Maintenance Management in Petro-Chemical Industries

M. Tech Thesis Supervised

Sr. No.	Year	Name of Student	Roll No.	Specialization	Thesis Title
1	2007-2008	Sushil B. Bmabole	P06IP701	IPED	Critical Chain Project Management
2	2008-2009	Rajkumar Satankar	P07ME106	General Mechanical	Implementation of Six Sigma Quality Management Technique in an Industry: A Case Study At ESSAR Steel Ltd, Hazira, Surat, Gujarat
3	2009-2010	Ravikumar Kasthoori	P08CC075	CAD/CAM	Analysis and Improvement of Steam Piping Design of 19MW Power-Plant by Using CAESAR 2 Software and Implementing Design for Six Sigma methodology at ESSAR Steel Ltd., Hazira, Surat, Gujarat
4	2010-2011	Hetal I. Chaudhari	P09ME119	General Mechanical	Implementation of Quality Circle in an Industry: A Case Study at KRIBHCO, Hazira, Surat, Gujarat

5	2010-2011	Ballar Sureshkumar V	P09ME125	General Mechanical	Six Sigma DMAIC Methodology
6	2010-2011	Prasenjeet Chandrakant Gholap	P09ME117	General Mechanical	Six Sigma and its implementation in Medium/Small Size Organizations: A Case Study
7	2010-2011	B. Dhanraj	P09ME118	General Mechanical	Analyze the Effectiveness of Six Sigma project in Industry Application: : A Case Study At ESSAR Steel Ltd, Hazira, Surat, Gujarat
8	2012-2013	Atulkumar	P11IP012	IPED	Analysis of Rotary Vacuum Peddle Dryer's Shaft assembly design Using Pro-E and ANSYS Software
9	2012-2013	Swati J. Patel	P11IP058	IPED	Prediction of Welding in a Structure
10	2012-2013	Gagan S. Desai	P11TM048	Turbo-Machine	Advanced Maintenance Management Techniques at Relience Industries Ltd, Hazira, Surat, Gujarat
11	2012-2013	Kalpesh Patel	P11IP050	IPED	Analysis of Rotary Vaccum Peddle Dryer Structure Using CATIA and ANSYS Software
12	2012-2013	Surya Kant	P11ME036	General Mechanical	Quality Management Practices : A Study of South Gujarat Industries
13	2014-2015	Vasava Satishbhai A.	P13ME020	General Mechanical	Failure Mode Effect Analysis of Turbine Casing Piping at Seimens India Ltd., Vadodara, Gujarat
14	2014-2015	Vasava Sandip Damodarbhai	P13ME017	General Mechanical	Quality Improvement through ISO 9001-2008 at an industry
15	2014-2015	Parmar Gajendrashih S.	P13ME015	General Mechanical	Process Capability Analysis and application of Six Sigma Methodology at Bosch Rexrorth India Pvt Ltd., Ahmedabad, Gujarat
16	2014-2015	Prakashkumar Suthar	P13ME019	General Mechanical	Implementation of Quality Circle Technique in Maintenance Department at

					Kribhco, Hazira, Surat, Gujarat
17	2014-2015	Parmar Gautamkumar Premjibhai	P13MF014	Manufacturing Engineering	Implementation of Total Productive Maintenance at Larson & Toubro, Hazira, Surat, Gujarat
18	2014-2015	Alok Shankar	P13MF011	Manufacturing Engineering	Reduction of Contamination in Production Process of Viscose staple fibre at Birla Cellulose, Kharach, Gujarat
19	2015-2016	Roopesh Gussain (ongoing)	P14ME005	General Mechanical	Implementation of Lean in Plastic Injection Moulding Manufacturing
20	2015-2016	Rikin Pravinbhai Patel	P14MF007	Manufacturing Engineering	Implementation of Kaizen and Problem Solving Techniques at Larson & Toubro, Hazira, Surat, Gujarat
21	2015-2016	Vikas R. Jogani	P14MF024	Manufacturing Engineering	Implementation of Lean Manufacturing Techniques at Larson & Toubro, Hazira, Surat, Gujarat
22	2015-2016	Sitendra Pandey	P14MF006	Manufacturing Engineering	Implementation of Six Sigma Quality Management Technique at ESSAR Steel Limited, Hazira, Surat, Gujarat
23	2015-2016	Prasad Chandan Chandra	P14MF023	Manufacturing Engineering	Status of Lean Manufacturing adoption in Gujarat Medium, Small and Micro Scale Enterprises
24	2015-2016	Banoth Hari Krishna	P14MF019	Manufacturing Engineering	Experimental investigation of performance of cooling tower reveals energy saving opportunity at Birla Cellulosic, Kharach, Surat, Gujarat
25	2015-2016	Mukesh Kumar Dalei	P14MF018	Manufacturing Engineering	Pressure Vessel requirement during hydro test at Larson & Toubro Ltd., Hazira, Surat, Gujarat
26	2015-2016	Anil Basnet		General Mechanical	Dependence of Outgasing rate on Baking temperature and Chemical Composition of Cleaning Solution at L&T Hazira, Surat, Gujarat

27	2015-2016	Ankit Shastri	P14MF004	Manufacturing Engineering	Improvement study of Pipe Manufacturing system by Lean cycle time reduction at ESSAR Steel Ltd., Hazira, Surat, Gujarat
28	2016-2017	Gawade Ketan		General Mechanical	Maintenance Management Practices in Manufacturing Sector of South Gujarat Region
29	2016-2017	Mavani Hiren		General Mechanical	Quality Management Practices in SMEs of Textile Industries of Surat
30	2017-2018	Dipen Sovane		Manufacturing Engineering	Process improvement and waste reduction
31	2018-2019	Banai Singh		Manufacturing Engineering	Implementation of Lean Manufacturing Technique at L & T Hazira
32	2018-2019	Rahul Bhatti		Manufacturing Engineering	Minimizing cost of poor quality by process improvement techniques at L & T Hazira
33	2018-2019	Harshal Patel		Manufacturing Engineering	Implementation of TPM at L & T Hazira
34	2018-2019	Akash Halpati		Manufacturing Engineering	Problem solving approach by Quality Circle Technique at L & T Hazira
35	2020-2021	Nikunj Parmar	P19MF019	Manufacturing Engineering	Ergonomic assessment of machining operations
36	2020-2021	Kiwans Kankotia	P19ME002	General Mechanical	Quality and productivity improvement of industrial operations through the application of quality management techniques at L & T, Hazira
37	2020-2021	Harshil Jain	P19ME007	General Mechanical	Drive design for circuit breaker with Poka-Yoke proofing at ASEA Brown Boveri, Vadodara

16. Ph. D Thesis Evaluated/Examined

Sr. No.	Place	Month & Year
1	Appointed as an examiner at Jawaharlal Nehru Technological University Hyderabad	21/10/2013
2	Appointed as a referee at Rashtrasant Tukadoji Maharaj Nagpur	

	University	
3	Appointed as a referee for Ph. D exam at University of Mumbai	13/04/2014, 06/02/2019, 04/04/2019, 16/04/2019, 04/05/2019
4	Appointed as a member of Research Progress Committee at Nirma University	28/08/2015, 19/01/2018
5	Appointed as a referee at Qatar University	03/05/2018
6	Appointed as a referee for Ph. D exam at National Institute of Technology, Hamirpur	
7	Appointed as a referee for Ph. D exam at National Institute of Technology, Kurukshetra	26/06/2019
8	Appointed as a referee for Ph. D exam at Gauhati University	05/09/2019
9	Appointed as a referee for Ph. D exam at Malaviya National Institute of Technology Jaipur	22/10/2019
10	Appointed as an external examiner at Gujarat Technological University, Ahmedabad	08/09/2017, 16/09/2019

17. Workshops / Conferences Organized

Organized National Workshop on “New Trends in Quality Management” (NTQM – 2007) under Technical Education Quality Improvement Programme Institutional Networking at SVNIT, Surat during May 5-7, 2007, **Dr. T. N. Desai and Dr. H. J. Nagarsheth**

Organized AICTE approved Short Term Training Programme on “Advanced Quality Management Philosophies & Techniques” (AQMPT– 2010) at SVNIT, Surat during January 4-8, 2010, **Dr. T. N. Desai and Dr. H. J. Nagarsheth**

Organized one-day Seminar on “Recent Trends in Industrial Engineering (RTIE-2011) in Association with Indian Institution of Industrial Engineering (IIIE) Surat Chapter at SVNIT, Surat on March 26, 2011, **Dr. T. N. Desai and Dr. Ravikant.**

Organized International Conference on Industrial Engineering (ICIE-2011) in association with Indian Institution of Industrial Engineering (IIIE), National Head Quarter, Navi Mumbai at SVNIT, Surat during November 17-19, 2011, **Dr. T. N. Desai and Dr. Ravikant.**

Organized 2nd one-day Seminar on “Recent Trends in Industrial Engineering (RTIE-2012) in association with Indian Institution of Industrial Engineering (IIIE) Surat Chapter at SVNIT, Surat on April 21, 2012, **Dr. T. N. Desai and Dr. Ravikant.**

Organized 3rd one-day Seminar on “Recent Trends in Industrial Engineering (RTIE-2013) in association with Indian Institution of Industrial Engineering (IIIE) Surat Chapter at SVNIT, Surat on April 6, 2013, **Dr. T. N. Desai and Dr. Ravikant.**

Organized 2nd International Conference on Industrial Engineering (ICIE-2013) in association with Indian Institution of Industrial Engineering (IIIE), National Head Quarter, Navi Mumbai at SVNIT, Surat during November 20-22, 2013, **Dr. T. N. Desai and Dr. Ravikant.**

Organized 4th one-day Seminar on “Recent Trends in Industrial Engineering (RTIE-2014) in association with Indian Institution of Industrial Engineering (IIIE) Surat Chapter at SVNIT, Surat on April 12, 2014, **Dr. T. N. Desai and Dr. Ravikant.**

Organized Short Term Training Program on “Advanced Quality Engineering Techniques” (AIQT – 2014) under Technical Education Quality Improvement Programme (TEQIP) Phase II at SVNIT, Surat during March 3-7, 2014, **Dr. T. N. Desai and Dr. Ravikant.**

Organized Short Term Training Program on “Advanced Quality Engineering Techniques” under Technical Education Quality Improvement Programme (TEQIP) Phase II at SVNIT, Surat during August 4-8, 2014, **Dr. T. N. Desai and Dr. Ravikant.**

Organized 5th one-day Seminar on “Recent Trends in Industrial Engineering (RTIE-2015) in association with Indian Institution of Industrial Engineering (IIIE) Surat Chapter at SVNIT, Surat on April 18, 2015, **Dr. T. N. Desai and Dr. Ravikant.**

Organized Short Term Training Program on “Research Methodology- Tools and Techniques” under Technical Education Quality Improvement Programme (TEQIP) Phase II at SVNIT, Surat during June 15-19, 2015, **Dr. T. N. Desai and Dr. Ravikant.**

Organized Short Term Training Program on “Supply Chain Management & E-Business” under Technical Education Quality Improvement Programme (TEQIP) Phase II at SVNIT, Surat during June 22-26, 2015, **Dr. T. N. Desai and Dr. Ravikant.**

Organized Short Term Training Program on “Advanced Quality Engineering Techniques” under Technical Education Quality Improvement Programme (TEQIP) Phase II at SVNIT, Surat during September 21-25, 2015, **Dr. T. N. Desai and Dr. Ravikant.**

Organized “3rd International Conference on Industrial Engineering (ICIE-2015)” & “57th National Convention of Indian Institution of Industrial Engineering” in association with Indian Institution of Industrial Engineering (IIIE), National Head Quarter, Navi Mumbai during November 26-28, 2015 at SVNIT, Surat, **Dr. T. N. Desai and Dr. Ravikant.**

Organized 6th one-day Seminar on “Recent Trends in Industrial Engineering (RTIE-2016) under Technical Education Quality Improvement Programme (TEQIP) Phase II at SVNIT, Surat on April 09, 2016, **Dr. T. N. Desai and Dr. Ravikant.**

Organized Short Term Training Program on “New Trends in Industrial Engineering” under Technical Education Quality Improvement Programme (TEQIP) Phase II at SVNIT, Surat during July 1-5, 2016, **Dr. T. N. Desai and Dr. Ravikant.**

Organized Short Term Training Program on “New Trends in Industrial Engineering” under Technical Education Quality Improvement Programme (TEQIP) Phase II at SVNIT, Surat during July 1-5, 2016, **Dr. T. N. Desai and Dr. Ravikant.**

Organized Short Term Training Program on “New Trends in Industrial Engineering” under Technical Education Quality Improvement Programme (TEQIP) Phase II at SVNIT, Surat during January 23-27, 2017, **Dr. T. N. Desai and Dr. Ravikant.**

Organized “4th International Conference on Industrial Engineering on the theme “Digital India, Smart India, Make in India- Innovative role of Industrial Engineering” in association with Indian Institution of Industrial Engineering (IIIE), National Head Quarter, Navi Mumbai during December 21-23, 2017 at SVNIT, Surat, **Dr. T. N. Desai and Dr. Ravikant.**

Organized “61st National Convention of Indian Institution of Industrial Engineering” and “5th International Conference on Industrial Engineering (ICIE-2019)” in association with Indian Institution of Industrial Engineering (IIIE), National Head Quarter, Navi Mumbai during December 12-14, 2019 at SVNIT, Surat, **Dr. T. N. Desai and Dr. Ravikant.**

18. Dissertations / Projects Guided

Guided 30 PG Dissertations and 2 M. Tech. (Research) Dissertations, 4 candidates are pursuing M.Tech, @ 31 UG Projects on the topics of Industrial Engineering, Production/Operations Management, Total Quality Management, Six Sigma etc.

19. Reviewer of Journal

- (1) Benchmarking-An International Journal.
- (2) African Journal of History and Culture.
- (3) International Journals of Advanced Engineering Technology
- (4) Journal of Engineering Research and Studies
- (5) International Journal of Lean Six Sigma
- (6) International Journal of Business Excellence
- (7) International Journal of Six Sigma and Competitive Advantage
- (8) Journal of Global Economics, Management and Business Research

20. Guest Lectures Delivered

Following Guest lectures are delivered as a part of services to the community to various Technical Universities/Organizations

- (1) “Total Quality Management Concepts and Implementation” at National Workshop on “New Trends in Quality Management” at S.V. National Institute of Technology, Surat during 5 -7 May, 2007
- (2) “Total Quality Management Concepts and Implementation” at N. G. Patel Polytechnic, Bardoli, Surat on 27/05/2008 **(Honorary Service)**.
- (3) “New Quality Concepts and Initiatives- Total Quality Management and Six Sigma” at Govt. Engineering College, Modasa, Gujarat on 01/09/2008
- (4) “New Quality Concepts and Initiatives- Total Quality Management and Six Sigma” at Sankalchand Patel College of Engineering, Visnagar, Gujarat on 02/09/2008.
- (5) “New Trends in Quality Management” at Shree Tapi Brahmcharyashram Sabha College of Diploma Engineering, Surat, Gujarat on 26/09/2008 **(Honorary Service)**.
- (6) “New Quality Concepts and Initiatives- Total Quality Management and Six Sigma” at Charotar Institute of Technology, Changa, Gujarat on 01/10/2008.
- (7) “Total Quality Management” at Department of Mechanical Engineering, S&S Gandhi College of Engineering, Surat, Gujarat on 06/10/2008.
- (8) “New Quality Concepts and Initiatives- Total Quality Management and Six Sigma” at AICTE Sponsored Short Term Training Program on “Advances in Manufacturing” at SVNIT, Surat on 01/01/2009.
- (9) “Quality Management – New Philosophies and Practices” at Department of Mechanical Engineering, C.K.Pithawalla College of Engineering & Technology, Surat on 21/03/2009.
- (10) “Advanced Quality Management Techniques at Vidyabharti Trust Polytechnic, Umrakh, Gujarat on 17/09/2009 **(Honorary Service)**.
- (11) “Total Quality Management and Six Sigma” at AUTOFEST’09-A National Level Technical Fest organized at SVNIT, Surat on 2/11/2009.
- (12) “Total Quality Management-Philosophy & Principles” at AICTE sponsored Short Term Training Programme on “Advanced Quality Management Philosophies & Techniques” organized at SVNIT, Surat during January 4-8, 2010.

- (13) “Seven QC Tools of Quality Management” at AICTE sponsored Short Term Training Programme on “Advanced Quality Management Philosophies & Techniques” organized at SVNIT, Surat during January 4-8, 2010.
- (14) “Total Quality Management-Philosophy & Principles” at AICTE sponsored Short Term Training Programme on “Knowledge Management- Issues & Challenges” organized at SVNIT, Surat during January 4-8, 2010.
- (15) “Total Quality Management-Philosophy & Principles” at B. K. School of Business Management, Gujarat University, Ahmedabad on August 12, 2010.
- (16) “Total Quality Management-Philosophy & Principles” at Ganpat University, Kherva, Gujarat on August 20, 2010 (**Honorary Service**).
- (17) “Project Work on Total Quality Management” at B.K.School of Business Management, Gujarat University, Ahmedabad, on October 9, 2010.
- (18) “Total Quality Management-Concepts & Implementation” at Department of Business & Industrial Management, Veer Narmad South Gujarat University, Surat on September 17, 2011.
- (19) “Total Quality Management with special reference to Six Sigma” at PG Department of Statistics, Sardar Patel University, Vallabh Vidyanagar, Gujarat on October 12, 2011.
- (20) “Total Quality Management with special reference to Six Sigma” at Department of Automobile Engineering, Indus College of Technology & Engineering, Ahmedabad, Gujarat on October 13, 2011 (**Honorary Service**).
- (21) “Total Quality Management and Six Sigma” at Laxmi Institute of Management, Sarigam, Vapi, Gujarat on February 07, 2012 (**Honorary Service**).
- (22) “Implementation of Kaizen at an Industry” at Department of Business & Industrial Management, Veer Narmad South Gujarat University, Surat on February 11, 2012.
- (23) “Total Quality Management and Six Sigma- An Overview” at One Day Seminar on ‘Six Sigma Quality Management Initiative’ organized by Department of Mechanical Engineering, U.V.Patel College of Engineering, Ganpat University, Kherva on April 5, 2012.
- (24) “Six Sigma Case Studies” at Second One Day Seminar on ‘Recent Trends in Industrial Engineering’ organized by Department of Mechanical Engineering, SVNIT, Surat on April 21, 2012 in association with Indian Institution of Industrial Engineering Surat Chapter.

- (25) “Kaizen – A Tool of Total Quality Management for Continuous Improvement” at Department of Mechanical Engineering, Yeshwantrao Chavan College of Engineering, Nagpur on October 1, 2011.
- (26) “Six Sigma Methodology” at Department of Production Engineering, Veermata Jijabai Technological Institute (VJTI), Mumbai on August 30, 2013
- (27) “Total Quality Management and Six Sigma Quality” at Department of Production and Industrial Engineering, Shri G.S.Institute of Technology & Science, Indore on September 23, 2013.
- (28) “Six Sigma” at TEQIP – II sponsored STTP on Mathematical, Statistical, Operation Research based Modeling and Simulation for Researchers, Engineers and Scientists at SVNIT on January 29, 2014.
- (29) “Lean Manufacturing Quality Enhancements” at the Inaugural function of Productivity week 2014 organized at **ONGC Hazira Plant, Surat** on February 12, 2014.
- (30) Delivered Expert lecture on “Total Quality Management and Six Sigma” at School of Technology, Pandit Deendayal Petroleum University, Gandhinagar on 13-08-2014.
- (31) Delivered Expert lecture on “Total Quality Management” for the students of B.E III (Mechanical), Semester 6th at C.K.Pithawala College of Engineering & Technology, Surat on February 11, 2016 (**Honorary Service**).
- (32) Acted as Chief Guest at the Inaugural function of Productivity week 2016 organized at **ONGC Hazira Plant, Surat** and delivered lecture on ‘Ease of doing Business for higher Productivity and Sustainable Growth’ on February 12, 2016.
- (33) Acted as Resource Person and delivered lecture on “Lean and Six Sigma” at One day Faculty Development Program at Bhagwan Mahavir Education Foundation, Vesu, Surat on October 7, 2016.
- (34) Acted as Resource Person and delivered lecture on “New Trends in Quality Management” at One day Workshop on Total Quality Management at College of Engineering, Munnar, Kerela on December 19, 2016 (**Honorary Service**).
- (35) Acted as a Resource Person and delivered lectures on Six Sigma- Industry Case Study, Lean Six Sigma, Lean Management, Research Methodology at Two Week TEQIP Programme on “Concepts and Advances in Quality and Reliability Management” at Goa College of Engineering, Goa in association with SVNIT, Surat during December 1-12, 2014.

- (36) Resource Person at TEQIP II sponsored Short Term Course on “Research Methodology” organized by VJTI Mumbai in association with **NITIE Mumbai**, IIE, NMIMS Mumbai, SOA University Bhubaneswar & SVNIT Surat during February 3-7, 2014.
- (37) Delivered Expert lecture on “Industrial Engineering, Entrepreneurship Development, and Start up” at GIDC Engineering college, Navsari on October 03, 2018.
- (38) Delivered Expert lecture on “Six Sigma” at Chandubhai S. Patel Institute of Technology, Changa on October 05, 2018.
- (39) Delivered Expert lecture on “Total Quality Management & Industrial Engineering” for the students of BE Mechanical and Automobile Engineering at One Day Seminar organized by Laxmi Institute of Technology, Sarigam on February 4, 2019 (**Honorary Service**).
- (40) Delivered Expert lecture on “Total Quality Management & Industrial Engineering” for the students of BE Mechanical at R.N.G. Patel Institute of Technology, Isroli, Bardoli, Dist. Surat on March 27, 2019 (**Honorary Service**).
- (41) Delivered Expert lecture at the event of Webinar on “New Quality Management Initiatives” organized by R. N. G. Patel Institute of Technology, Bardoli on May 12 & 13, 2020 (**Honorary Service**).
- (42) Delivered Expert lecture on “New Quality Management Initiatives” at the event of Faculty Development Program on “Advanced Trends in Engineering” In association with Institution of Engineers (India), Nagpur Local Centre on May 21, 2020 (**Honorary Service**).
- (43) Delivered Expert lecture at the event of Webinar on “Recent Trends in Quality Engineering” organized by S. N. Patel Institute of Technology & Research Centre, UmraKh on May 25, 2020 (**Honorary Service**).
- (44) Delivered Expert lecture at the event of Webinar on “Industrial Engineering” organized by S. N. Patel Institute of Technology & Research Centre, UmraKh on September 15, 2020 (**Honorary Service**).

21. Academic Achievements

- UG Teaching experience of @ 35 years.
- PG Teaching experience of @ 30 years.
- Visiting Faculty at Department of Business & Industrial Management, V. N. South Gujarat University, Surat in year 2006-07.

- Certified Six Sigma Green Belt from Dr. R L Shrivastava (Certified Six Sigma Master Black Belt from Indian Institution of Industrial Engineering, Bangalore), Yeshwantrao Chavan College of Engineering, Nagpur
- Worked in panel of judges for Paper Presentation Competition in AUTOFEST'09-A National Level Technical Fest organized at SVNIT, Surat on 2/11/2009.
- Acted as an External Examiner for M. Tech. (Mechanical, AMT) Dissertation on “Seven step methodology – An innovative approach to bring down welding defects in KWAG muffler” at Ganpat University, U. V. Patel College of Engineering, Mehsana on 16/09/2010.
- Worked as a local supervisor for Project of a student at School of Engineering & Technology, India Gandhi National Open University, New Delhi.
- **Fellowship Award from Indian Institution of Industrial Engineering (IIIE) conferred in October, 2012.**
- Member-Starting of Post Graduate Programme in Manufacturing Engineering at Department of Mechanical Engineering, SVNIT, Surat
- Served as a resource person for the topic “Six Sigma and its Case Studies” in one day seminar on “Professional Improvement at Quality Management with Emphasis on Six Sigma” on 2nd February, 2013 at Automobile Engineering Department, Indus University, Ahmedabad.
- Attended 16th CEOs conference organized by Indian Institution of Industrial Engineering (IIIE), Navi Mumbai at Udaipur during June, 2012
- Attended 17th CEOs conference on theme of “Global Competitiveness India in retrospect and Prospects” organized by Indian Institution of Industrial Engineering (IIIE), Navi Mumbai during June 21-23, 2013.
- **Best Case Study Award from Indian Institution of Industrial Engineering(IIIE)(Non Traditional Area) for Paper entitled “Perspectives of Insurance Companies Regarding Service Quality Management and Improvement” (Mahesh R. Shukla, Dr. R. L. Shrivastava, Dr. Tushar N.Desai) published in Industrial Engineering Journal Vol. VIII Issue No. 2, February 2015.**
- **Dr. J.M. Mahajan Award 2014-2015 for contributing substantially to the spread of Industrial Engineering & Management discipline in the field of Education.**

- **Best Paper Presenter Award was awarded to my FIR candidate at SVNIT for presenting his paper entitled “Identification and Hierarchical Structuring of Enablers of Integrated Lean Six Sigma” at 13th International Conference on Science and Engineering Research” (ICSER) organized at Bangkok, Thailand during 16-17 December, 2015.**
- **Dr. S. R. Gollapudi Award – 2017 from Indian Institution of Industrial Engineering.**
- Attended TEQIP-II sponsored FDP on “Outcome Based Teaching-Learning” held at SVNIT, Surat during June 3-5, 2016.
- Member- International Advisory Committee of International Conference on Emerging Trends in Mechanical Engineering Department, G.H. Patel College of Engineering & Technology, Vallabh Vidyanagar during February 24-25, 2017.
- Member- Technical Committee of 2nd National Conference on Industrial Engineering and Technology Management (NCIETM) organized at NITIE, Mumbai during November 17-19, 2016.
- Attended 20th CEOs Conference organized by Indian Institution of Industrial Engineering (IIIE), Navi Mumbai organized at Le Meridian, Nagpur during June 24-26, 2016 on the theme of “Smart Villages: Pillars for Sustainable Industrial Growth and Rural Development”.
- Resource Person at National Level Seminar on Total Quality Management organized by Laxmi Vidyapeeth, Sarigam on July 30, 2016.
- **Member- Indian Institution of Industrial Engineering (IIIE) National Council for duration 2016-2020.**
- **Honorary Treasurer of Indian Institution of Industrial Engineering (IIIE) for duration 2016-2018.**
- Attended Fourth International Conference on Best Practices in Supply Chain Management organized jointly by Indian Institution of Industrial Engineering (IIIE), College of Engineering, Trivandrum, Government Engineering College, Wayanad, Kerala State Council for Science, Technology and Environmental and Production and Operations Management Society (POMS USA) at Hotel Apollo Dimora (Four Star Hotel), Trivandrum during December 22-23, 2016.

- Member- Technical Committee of 59th National Convention of IIIE and International Conference on Manufacturing and Industrial Engineering organized by Indian Institution of Industrial Engineering, Aurangabad Chapter in association with MGM's Jawaharlal Nehru Engineering College during September 14-16, 2017
- Member- Steering Committee at 21st CEOs conference on theme "Digital India- Smart Strategies for Business Excellence" organized by IIIE in association with Rashtriya Ispat Nigam limited and Vishakhapatnam Steel Plant at Vishakhapatnam during February 25-27, 2017.
- **Best Paper Award for paper entitled "Development of enabler based hierarchical structure to facilitate the implementation of Lean Six Sigma" at National Conference on Innovative Trends in Mechanical Engineering" (NCITME-2017) organized at Shri Mata Vaishno Devi University, Katra, J&K during 3-4 March, 2017.**
- Member of International Editorial board for International Journal of Innovation in Engineering and Science (Website- www.ijies.net).
- Member of advisory committee of "3rd Indo-German Conference on Sustainability in Engineering: Enhancing Future Skills and Entrepreneurship" organized at Birla Institute of Technology and Science Pilani, Pilani during 16-17 September, 2019.
- Awarded with 'Chairman Special Award' from Indian Institution of Industrial Engineering (IIIE) at the Inaugural Function of 61st National Convention of IIIE and 5th International Conference on Industrial Engineering organized at SVNIT by IIIE Surat Chapter on December 12, 2019.
- Awarded with 'THE ACE ALUMNUS AWARD' from SVNIT Alumni Association for outstanding contribution to SVNIT, Alumni and Student activities at Alumni Convention held at SVNIT on December 28, 2019.
- Appointed as the Honorable Subject Expert in the selection committee to select faculty members in LAXMI INSTITUTE OF TECHNOLOGY, SARIGAM.
- Appointed as International advisory board member of the 1st Virtual International Conference on "Responsible Manufacturing (VICRM-2020)" organized at Government Polytechnic, Gondia during 10-11 December, 2020.

- **Book Chapter**

T.N.Desai, Dr. R.L.Shrivastava & Dr. D.A.Desai, Quality Indicators for Technical Education System- Book Chapter(chapter 48, pp. 527-541), Quality Management Practices, edited by Dr. R.P.Mohanty, Excel Books, New Delhi (ISBN: 978-81-7446-582-5)

22. Chairing of Technical Sessions

- Chaired a Technical Session on “TQM & Knowledge Management” on March 3, 2006 at National Conference on “Total Quality Management for Continuous Quality Improvement in Technical Education” organized by Department of Mechanical Engineering, NMAM Institute of Technology, NITTE, Karnataka.
- Chaired a Technical Session on “Organizational Excellence through Quality Management & Quality Management Systems in Different Organizations” at International Conference on Quality Management Practices – 07 organized by Institute for Technology and Management, Navi Mumbai along with National Center for Quality Management, Mumbai during 16-17 August 2007.
- Co-chaired a Technical Session on “Six Sigma and TQM” on January 19, 2008 at All India Seminar on “Organizational Excellence for Global Competitiveness” organized by Yeshwantrao Chavan College of Engineering, Nagpur and The Institution of Engineers, Nagpur local centre in association with Shreyas Quality Management Systems, Nagpur.
- Co-chaired Technical Session on October 16, 2008 at All India Seminar on “MAPEXCEL-08” organized by Institution of Engineers, Mumbai in association with ITM, Mumbai & YCCE, Nagpur.
- Chaired a Technical Session on “Industry Needs, Expectations and Role” at Industry Academia Conclave organized by Yeshwantrao Chavan College of Engineering, Nagpur during July 14-15, 2009.
- Chaired a Technical Session on “Industry Needs, Expectations and Role” at Industry Academia Conclave organized by Yeshwantrao Chavan College of Engineering, Nagpur during July 14-15, 2009.
- Chaired a Technical Session at an International Conference on “Advances in Mechanical Engineering (ICAME- 2009)” organized at SVNIT, Surat during August 03-05, 2009.

- Chaired a Technical Session at 4th International Conference on “Advances in Mechanical Engineering (ICAME- 2010)” organized at SVNIT, Surat during September 23-25, 2010.
- Chaired two Technical Sessions at “Fifth International Conference on Advances in Mechanical Engineering (ICAME- 2011)” organized at SVNIT, Surat during June 06-08, 2011.
- Chaired a Technical Session at National Conference on “Operations & Manufacturing Excellence (COMEX 2012)” organized at Shri Ramdeobaba College of Engineering & Management, Nagpur during March 4-5, 2012.
- Chaired a Technical Session on 'Performance Evaluation of Supply Chain Management System' organized by Department of Mechanical Engineering, Institute of Technical Education & Research, Siksha 'O' Anusandhan University, Bhubaneshwar during November 22-23, 2012.
- Chaired a session on Industrial Engineering at 6th National Conference on “Recent Advances in Manufacturing (RAM-2016)” organized by Department of Mechanical Engineering, SVNIT, Surat during May 12-14, 2016.
- Chaired a Technical Session on Emerging Issues in Production and Operations Management at DBIM National Conference on “Emerging Trends in Global Business Management” held on December 3, 2016 at Department of Business and Industrial Management, G.H. Bhakta Management Academy, Veer Narmad South Gujarat University, Surat.
- Chaired a Technical session at Fourth International Conference on Best Practices in Supply Chain Management organized jointly by Indian Institution of Industrial Engineering (IIIE), College of Engineering, Trivandrum, Government Engineering College, Wayanad, Kerala State Council for Science, Technology and Environmental and Production and Operations Management Society (POMS USA) at Hotel Apollo Dimora (Four Star Hotel), Trivandrum on December 22, 2016.
- Chaired a Technical session at International Conference on “Recent Advances in Manufacturing (RAM – 2020) organized by Mechanical Engineering Department, SVNIT, Surat on July 04, 2020.
- Chaired a Technical session at International Conference on Recent Advances in Design and Manufacturing (ICRADM) organized by Mechanical Engineering Department, SVNIT, Surat on July 17, 2020.

23. Books Published

Sr. No.	Title of Book	Publisher	Authors
1	Industrial Engineering	Mahajan Publishers	Tushar N Desai
2	Six Sigma	Mahajan Publishers	Tushar N Desai

24. Administrative / Co-curricular Activities

- Co-coordinator at centralized assessment work at the Engineering examination, May/June 2000.
- Factotum at Engineering Examination at SVNIT, May/June 2001 and 2007.
- Member - Central Library Committee since year 2004.
- Member of Organizing Committee at Twentieth National Symposium on Cryogenics (TNSC-2005) organized by Department of Mechanical Engineering, SVNIT, Surat during February 23-26, 2005.
- Member of Reception Committee at a Specialized Workshop on “Measurement Techniques in Turbo Machines” organized by Department of Mechanical Engineering, SVNIT, Surat under TEQIP during June 23-25, 2005.
- Secretary – Departmental Board of Under Graduate & Post Graduate Board of Studies from year 2006 to 2011.
- Member – Departmental Standing Executive Committee since year 2006 to 2011.
- Member of Selection Committee of Teaching Assistant for Mechanical Engineering. Department, SVNIT, Surat, year 2006-2007.
- Member – Selection Committee for PG Programme, 2006.
- **Treasurer, Teachers’ Association SVNIT, 2007-08.**
- Member– Organizing Committee for All India Seminar on Mapping Excellence Towards Global Competitiveness-2008 organized by Institute of Engineers, Mumbai in association with ITM, Mumbai & YCCE, Nagpur during October 16-17, 2008.
- Secretary, Teachers’ Association SVNIT, 2008-09.
- Examiner for Dissertation viva voce at M.Tech, CAD/CAM at YCCE, Nagpur, September 2010.
- **Founder Chairman (since 2010) – Indian Institution of Industrial Engineering (IIIE), Surat Chapter.**

- **Faculty Coordinator (since 2010) - Indian Institution of Industrial Engineering (IIIE) Student Chapter at SVNIT.**
- Member of Subject Examination Committee and Paper Setter for the subject of Industrial Engineering, M.Tech. (Production), YCCE, Nagpur, year 2010.
- Examiner for Ph.D Dissertation viva voce at Anna University (Chennai), Jawaharlal Nehru Technological University (Hyderabad), RTM Nagpur University (Nagpur), VJTI (Mumbai), Sant Gadge Baba Amravati University (Amravati), Birla Institute of Technology (BITS) Pilani, Nirma University, Ahmedabad, Narsee Monjee Institute of Management Studies, Mumbai, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Member – National Council of Indian Institution of Industrial Engineering 2011, 2012, 2013.
- Member- Advisory Council of National Conference on “Improving Productivity and Quality of Manufacturing Systems” organized by Mechanical Engineering Department, G.H. Rasoni College of Engineering, Nagpur under TEQIP-II during November 28-29, 2012.
- **Workshop In-charge during 1-09-2012 to 30-08-2014 and 23-09-2015 to 16-01-2018.**
- Co-opted Member for Indian Institution of Industrial Engineering National Council 2012-2013.
- Member of Administration Committee of Indian Institution of Industrial Engineering for year 2012-13.
- Member of Membership Committee of Indian Institution of Industrial Engineering for year 2012-13.
- Member of Physical stock verification committee, year 2012.
- Member – Physical Stock Verification Committee at SVNIT, year 2012
- Member of Organizing Committee of One Day Seminar on ‘Six Sigma Quality Management Initiative’ organized by Department of Mechanical Engineering, U.V. Patel College of Engineering, Ganpat University, Kherva, Gujarar on April 5, 2012.
- Member of Mind Bend 2013 committee for Paper Presentation at SVNIT, Surat
- Member – Steering Committee of 17th CEOs Conference on “Global Competitiveness: India in Retrospect and Prospects” organized by Indian Institution of Industrial Engineering, NHQ, Navi Mumbai at Amritsar during June 21 – 23, 2013.

- Member- Departmental Vision Document – 2020 Preparation Committee
- Member – Institute Profile Preparation Committee
- Participated in IIIE 18th CEOs Conference held during July 4-6, 2014 at Fariyas Resort, Lonavala, Pune.
- Member- Organizing committee of Two Days Seminar on “Recent Trends in Manufacturing & Quality Engineering” organized by Jaivantrai Harrai Desai Polytechnic, Palsana during March 1-2,2014.
- Committee member for examining Ph.D. Admission at Mechanical Engineering Department since year 2014.
- **P.G. Incharge (M.Tech- Manufacturing Engineering) during 1-1-2015 to 5/5/2019.**
- Co-Ordinator- Department Technical Education Quality Improvement Programme (TEQIP) Committee since 1-1-2015.
- Guided student of School of Technology, Pandit Deendayal Petroleum University, Gandhinagar for opening IIIE student chapter.
- In charge of Industrial Engineering Laboratory (Proposed) at SVNIT.
- Member - Accreditation Committee.
- Member – Departmental Accreditation Committee for preparation of NBA Accreditation proposals.
- Acted as observer for Autumn Semester Ph.D admission procedure at Applied Mechanics Department, SVNIT on 12-07-2016.
- Member of Academic Audit of Mechanical Engineering Department in terms of question papers, analysis of results and analysis of students feed-back for Manufacturing and Industrial Engineering for the academic year 2014-2015.
- Looked after affairs of Prof. I/c Library, SVNIT during the period of 13-7-2016 to 17-7-2016, 6-9-2016 to 30-9-2016, 29-12-2016 to 31-12-2016.
- Coordinator of Department TEQIP committee for duration 1-1-2015 to 1-1-2017.
- Member of PhD Admission committee at MED, SVNIT for 2014 and 2016.
- Member for preparation of Vision Document of Mechanical Engineering Department, SVNIT- Vision 2020.
- Member of Subcommittee for PG Courses, SVNIT 14th Convocation held on 22-01-2017.

- Member of Advisory Committee at International Conference on Intelligent Manufacturing and Automation (ICMA 2018) being organized by Mechanical Engineering Department, D.J. Sanghvi College of Engineering, Mumbai.
- Chairman of Literary and Debating Committee for year 2016-17, 2017-18, 2018-19, 2019-20, 2020-21.
- **Coordinator for Ph.D. programme including QIP and M. Tech – Sponsored & Research since 6/5/2019.**
- **Coordinator for Interaction with industry and R & D Laboratories since 6/5/2019.**
- **Appointed as a chairman of Hindi Cell dated on 23/07/2019.**

25. Organizing Industrial Visits

- Organized Industrial Visits for students at L & T, Hazira, Surat in March, 2011 under the banner of Indian Institution of Industrial Engineering student chapter at SVNIT.
- Organized Industrial Visits for students at Birla Cellulosic (Aditya Birla Group), Kharach, Kosamba, Dist. Bharuch on January 28 and February 5, 2012 under the banner of Indian Institution of Industrial Engineering student chapter at SVNIT.
- Organized Industrial Visits for students at KRIBHCO, Hazira, Surat on November 3, 2012 under the banner of Indian Institution of Industrial Engineering student chapter at SVNIT under the banner of Indian Institution of Industrial Engineering student chapter at SVNIT.
- Organized Industrial Visits for students at Reliance Industries Ltd., Hazira, Surat on February 16, 2013 under the banner of Indian Institution of Industrial Engineering student chapter at SVNIT.
- Organized Industrial Visits for students at Birla Cellulosic (Aditya Birla Group), Kharach, Kosamba, Dist. Bharuch, Gujarat in 2014 under the banner of Indian Institution of Industrial Engineering student chapter at SVNIT.
- Organized Industrial Visits for students at Birla Cellulosic (Aditya Birla Group), Kharach, Kosamba, Dist. Bharuch, Gujarat during March and April 2016 under the banner of Indian Institution of Industrial Engineering student chapter at SVNIT.
- Organized Industrial Visits for students at Birla Cellulosic (Aditya Birla Group), Kharach, Kosamba, Dist. Bharuch, Gujarat during April 2018 under the banner of Indian Institution of Industrial Engineering student chapter at SVNIT.

26. Activities related to Literature and Music: -

- **Involvement as a student (1975-1980) in activities related to Literature and Music at SVNIT (SVRCET), Surat: -**

- 1) Secured 2nd prize in Instrumental Music Competition at Cultural Program organized by Social & Cultural Activities Committee, SVRCET, Surat, 1979-80.
- 2) Participation & Excellent performance in Instrumental Music at the 17th Annual Day Celebrations organized by Social & Cultural Activities committee, SVRCET, Surat, 1979-80.
- 3) Secured 1st Prize for best quality of articles written for Weekly College Wall Magazine 'Swair –Vihar' from Debating & Literary Society, SVRCET, Surat ,1979-80.
- 4) Participation and Excellent performance in "Inter-Class Group Discussion" from Debating & Literary Society, SVRCET, Surat, 1979-80.
- 5) Participation and Excellent performance in "Public Speaking" from Debating & Literary Society, SVRCET, Surat, 1979-80.

- **Involvement as a Faculty in activities related to Literature and Music at SVNIT, Surat and at other organizations: -**

- 1) Chief Guest at a poetry reciting competition 'KAVYAKUMAR-in search of a Poet' competition organized by Debating & Literary Committee, SVNIT, Surat on April 19, 2011.
- 2) Given solo performance in singing at Cultural Programme organized at International Conference on Industrial Engineering (ICIE 2011) at SVNIT, Surat on November 17, 2011 with Pappu Musical Orchestra of Surat.
- 3) Given solo performance in singing on Singing Night at Cultural Programme at SVNIT, Surat in March, 2012 and March, 2013.
- 4) Given solo performance in singing on Karaoke Tracks at Singing Night at Cultural Programme at SVNIT, Surat in March, 2012 and in March, 2013.
- 5) Given solo performance in singing with Musical Orchestra of Nagpur at Cultural Programme organized at 55th National Convention Indian Institution of Industrial Engineering (IIIE) at Sun & Sand Hotel, Nagpur on October 25, 2013.

- 6) Given solo performance in singing with Pappu Musical Orchestra of Surat at Cultural Programme organized at International Conference on Industrial Engineering (ICIE 2013) at SVNIT, Surat on November 20, 2013.
- 7) Member of Cultural Event Committee of 23rd National Conference on I.C. Engines and Combustion organized by Department of Mechanical Engineering, SVNIT, Surat under the auspices of The Combustion Institute Indian Section (CISS) during December 13-16, 2013.
- 8) Organized and conducted Cultural Programme for the delegates of CEOs Conference held during July 4-6, 2014 at Fariyas Resort, Lonavala (A Five Star Resort) in association with IIE, Navi Mumbai and given solo performance in singing on Karaoke Tracks.
- 9) Acted as judge at KASHISH 2014, SVNIT, Cultural Festival and given solo performance at KASHISH 2014 on September 30, 2014.
- 10) Given solo performance in singing with Musical Orchestra of Goa at Cultural Programme organized at Two Week TEQIP-II Programme on “Concepts and Advances in Quality and Reliability 33 Management” by Goa College of Engineering, Farmagudi, Ponda, Goa during November 17-28, 2014.
- 11) Given solo performance in singing with Bagda Musical Orchetra of Surat at Musical Evening organized by Shri Dayalji Vidryarthi Ashram, Shri Dayalji Kelvani Mandal, Surat in year 2010, 2013 and 2014.
- 12) Acted as a Coordinator at Cultural Programme organized by SVNIT Alumini Association and given solo performance in singing on Karaoke Tracks on January 3, 2015.
- 13) Given solo performance in singing with Bagda Musical Orchestra of Surat in Musical Evening at SPARSH-2015, Cultural Festival at SVNIT.
- 14) Kavyasangraha “ABHIVYAKTI”- Self written Gujarati Poems -published at Shri Dayalji Vidyarthi Ashram, Shri Dayalji Kelavani Manadal, Surat on 21-01-2015 (Chief Guest - Shri Dr. Dakshhexbhai Thakar, Vice Chancellor, Veer Narmad South Gujarat University, Surat; Guest of Honor- Prof. Dr. Ashvinbhai Desai, Professor, Veer Narmad South Gujarat University, Surat ; Kavyasangraha Parichaya- Dr. Prafulbhai Desai, Poet and Author; Anchor- Shri Janakbhai Naik, Sahitya Sangam, Surat.)

- 15) Performed Poetry Recital at Farewell Function of Prof. V.M. Daiya, Associate Professor in Mechanical Engineering Department of SVNIT, Surat in March 2015.
- 16) Given solo performance in singing at Cultural Programme organized at International Conference on Industrial Engineering (ICIE 2015) at SVNIT, Surat on November 26, 2015.
- 17) Organized 'KAVISAMMELAN' and performed Poetry Recital at International Conference on Industrial Engineering (ICIE 2015) at SVNIT, Surat on Nov 27, 2015.
- 18) Jury member of "SPARSH 2010" Social and Cultural Fest event year 2010.
- 19) Member - Social & Cultural Activities Committee 1995, 1996, 2001, 2002, 2006, 2007, 2008, 2010, 2013.
- 20) Member of Literary & Debating Committee 2000-2001.
- 21) Member of panel of judges at audition of Singing Night- SPARSH 2008, 2010.
- 22) Anchored Farewell Function of Dr. D.B.Naik (Professor T & P) organized at Mechanical Engineering Department of SVNIT with poetry and recital on December 27, 2011.
- 23) Chairman of Literary and Debating Committee for year 2016-17.
- 24) Co-Chairman of Literary and Debating Committee for year 2013-14.
- 25) Cochairman- Debating & Literary Committee for Year 2012-13.
- 26) Member-Social & Cultural Activities Committee, 2012
- 27) Member -Departmental Hindi Cell at SVNIT, Surat for duration of 1-9-2012 to 1-9-2014.
- 28) Cochairman- Debating & Literary Committee for Year 2015-16.
- 29) Acted as Jury for Auditions of Social and Cultural Fest Sparsh 2010
- 30) Acted as a Coordinator at Cultural Programme Grand Annual Alumni Reunion ("Convention 2016") organized by SVNIT Alumini Association and given solo performance in singing on January 9, 2016.
- 31) Given Group performance in singing in Musical Evening, SPARSH-2016, Cultural Festival at SVNIT on February 17, 2016.
- 32) Given solo performance in singing at Musical Evening 'Rang Barse' organized by SVNIT Alumni Association Surat Chapter at Rang Bhavan, Jeevan Bharti Vidhyalaya, Surat on April 2, 2016.

- 33) Performed Poetry Recital at Farewell Function of Dr. M.K.Bhatt, Associate Professor in Mechanical Engineering Department of SVNIT, Surat on April 2, 2016.
- 34) Given Solo Performance in Singing at Cultural Program at 20th CEOs Conference organized by Indian Institution of Industrial Engineering (IIIE), Navi Mumbai on June 25, 2016 at Le Meredian, Nagpur.
- 35) Given solo performance in singing with Symphony Musical Orchestra of Surat at Musical Evening 'Aya Sawan Zumke' organized by SVNIT Alumni Association Surat Chapter at Rang Bhavan, Jeevan Bharti Vidyalaya, Surat on August 14, 2016.
- 36) Presented Solo Performance in singing at Cultural Programme of 1st International Conference on Emerging Trends in Mechanical Engineering (ICETiME 2016) held at Hyderabad during 23 – 24th Sept, 2016.
- 37) Given Solo Performance at Fourth International Conference on Best Practices in Supply Chain Management organized jointly by Indian Institution of Industrial Engineering (IIIE), College of Engineering, Trivandrum, Government Engineering College, Wayanad, Kerala State Council for Science, Technology and Environmental and Production and Operations Management Society (POMS USA) at Hotel Apollo Dimora (Four Star Hotel), Trivandrum on December 22, 2016.
- 38) Invited as Chief Guest by Senior Citizen Club, Amalsad and Performed Poetry recital on December 28, 2016.
- 39) Given Solo Performance in singing with Musical Orchestra at Musical Evening organized by Shri Dayalji Vidyarthi Ashram, Shri Dayalji Kelvani Mandal, Surat on January 1, 2017.
- 40) Given give Solo Performance in singing at Cultural Programme of SVNIT Alumni Association on January 7, 2017.
- 41) Poem published in SVNIT Alumni Association Souvenir 2017 'Milaap'.
- 42) Jury Member of Auditions of Singing Night Kashish 2017, SVNIT.
- 43) Jury Member of Singing Night Kashish 2017, SVNIT.
- 44) Presented Song at Singing Night, Kashish 2017 on Karaoke Track with Musical Orchestra on 28-01-2017.
- 45) Presented Song at Musical Evening with Musical Orchestra "Drumbeat Group" organized by SVNIT Alumni Association Surat Chapter on January 7, 2017.

- 46) Presented Song at Singing night Symphony-17 with Musical Orchestra at SVNIT, Surat on February 18, 2017.
- 47) Presented Songs on Karaoke tracks at Cultural Program of National Conference on “Critical and Strategic Materials for Advanced Technologies (CSMAT 2017)” organized by Rare Earth Association of India and Indian Society of Analytic Scientists Kerala Chapter at Munnar, Kerala on March 10, 2017 at Tea County Resorts (Four Star Resorts), Munnar.
- 48) Performed Poetry recital and presented Songs on Karaoke tracks at Cultural Program of SVNIT Pensioners' Association at SVNIT, Surat on June 6, 2017.
- 49) Given solo performance in singing with Symphony Musical Orchestra of Surat at Musical Evening ‘Aya Sawan Zumke’ organized by SVNIT Alumni Association Surat Chapter at Rang Bhavan, Jeevan Bharti Vidyalaya, Surat on July 22, 2017.
- 50) Performed Poetry recital and presented Songs on Karaoke tracks at Monsoon Camp of Senior Citizen Mandal, Shri Dayalji Vidyarthi Ashram, Shri Dayalji Kelvani Mandal, Surat on August 3, 2017.
- 51) Organized Hindi Kavisammelan during Hindi Pakhwada at SVNIT, Surat and performed Poetry recital in Hindi on September 13, 2017.
- 52) Given solo performance in singing at Cultural Program at 59th National Convention of IIE & International Conference on Manufacturing and Industrial Engineering organized by IIE Aurangabad Chapter in association with MGM's Jawaharlal Nehru Engg. College, Aurangabad on September 14, 2017.
- 53) Given Solo Performance in singing on Karaoke Tracks at Kashish 2017 Programme at SVNIT on November 4, 2017.
- 54) Given Solo Performance in singing at Musical Program ‘Rang Barse’ with Symphony Orchestra at Rang Bhavan, Jeevan Bharti School on April 14, 2018.
- 55) Kavyapathan at Kavisammelan at Monsoon Camp of Senior Citizen Anavil Mandal at Shri Dayalji Vidyarthi Ashram, Surat on August 12, 2018.
- 56) Anchored ‘Deshbhakti Geet’ Program at SVNIT on 15th August, 2018 after flag hoisting function, performed Poetry Recital and Deshbhakti Geet singing.
- 57) Given Solo Performance in singing on Karaoke Tracks at Cultural Program of International Conference on Role of Industrial Engineering in Industry 4.0

Paradigm (ICIEIND) at Institute of Technical Education and Research (ITER), Bhubaneswar during September 27-30, 2018.

- 58) Acted as Judge in Singing Auditions of Musical Evening Programme 'ABHINANDAN', at SVNIT.**
- 59) Given Solo Performance in singing on Karaoke Tracks at Musical Evening Programme 'ABHINANDAN' at SVNIT on October 27, 2018.**
- 60) Given Solo Performance in singing at Manav Seva Trust, Atar, Valsad on December 8, 2018.**
- 61) Given Solo Performance in singing at Cultural Program of National Conference on Smart & Sustainable Cities which was organized by PG Section in Urban Planning, Civil Engineering Department, SVNIT at The Tasty Garden Restaurant, Pal, Surat on Saturday, December 22, 2018.**
- 62) Given Solo Performance in singing with Musical Orchestra at Musical Evening organized by Shri Dayalji Vidyarthi Ashram, Shri Dayalji Kelvani Mandal, Surat on December 24, 2018.**
- 63) Given solo performance in singing with Musical Orchestra at Cultural Programme organized by SVNIT for Reunion of 1990-94 Batch on January 6, 2019.**
- 64) Anchored 'Deshbhakti Geet' Program at SVNIT on 26th January, 2019 after flag hoisting function, performed Poetry Recital and Deshbhakti Geet singing.**
- 65) Organized Deshbhakti Geet Program 'Veeronko Naman' along with 13 students of SVNIT at Senior Citizen Anavil Mandal, Shri Dayalji Vidyarthi Ashram, Shri Dayalji Kelvani Mandal, Surat on March 16, 2019.**
- 66) Given solo performance in singing with Unnamed Raga Band at Cultural Festival 'ANTARANG' organized by C.K. Pithawalla College of Engineering & Technology, Surat during March 24-25, 2019.**
- 67) Given solo performance in singing at a Cultural Programme organized by MMMUT Gorakhpur on September 12, 2019.**
- 68) Hindi Kavithapathan at 'Mehfil' at NIT, Kurukshetra on September 20, 2019.**
- 69) Given Solo Performance in singing on Karaoke Tracks at Kashish 2019 Programme at SVNIT on November 16, 2019.**

- 70) Given solo performance in singing at Cultural Program at 61st National Convention of IIIE & 5th International Conference of Industrial Engineering organized at SVNIT by IIIE Surat Chapter on December 12, 2019.
- 71) Given solo performance in singing at Musical Evening of 17th Annual Alumni Convention & Reunion 2019 organized by SVNIT Alumni Association on December 28, 2019.
- 72) Published Hindi Poem “Jinhe Naaz He Surat Sahar Pe Vo Kaha He?” in SVNIT Alumni Association Souvenir MILAAP 2019.
- 73) Anchored ‘Deshbhakti Geet’ Program at SVNIT on 26th January, 2020 after flag hoisting function, performed Poetry Recital and Deshbhakti Geet singing.
- 74) My Poem on 'Paryavaran Suraksha' aired on **Akashwani Surat FM 101.1** in May 2020.
- 75) Gujarati and Hindi Kavita Pathan on COVID 2019 at the event of Webinar on “New Quality Management Initiatives” organized by R. N. G. Patel Institute of Technology, Bardoli on May 12 & 13, 2020.
- 76) My Hindi Poem on Shramik subject during Lockdown due to COVID 2019 was aired on **S 9 News Channel** Surat on May 18, 2020.
- 77) Hindi and Gujarati Kavya Pathan on COVID 2019 at the event of “Kavita Nu Morpichh” organized by SVNIT Alumni Association- Surat Chapter & The Institute of Civil Engineers & Architects(ICEA) , Surat on May 23, 2020.
- 78) Hindi Kavita Pathan on COVID 2019 at the event of Faculty Development Program on “Advanced Trends in Engineering “In association with Institution of Engineers (India), Nagpur Local Centre on May 23, 2020.
- 79) Gujarati Kavya Pathan on COVID 2019 at the event of Webinar on “Recent Trends in Quality Engineering” organized by S. N. Patel Institute of Technology & Research Centre, Umrakh on May 25, 2020.
- 80) Organized Hindi Workshop under Hindi Cell of SVNIT on June 30, 2020
- 81) Organized Webinar on Rajbhasha Hindi ki Upyogita at SVNIT on July 03, 2020.
- 82) Gujarati Kavya Pathan on COVID 2019 at the event of Webinar organized by R. N. G. Patel Institute of Technology, Bardoli on July 11, 2020.

- 83) Performed Deshbhakti Geet singing and Hindi Poetry recital at ‘Deshbhakti Geet’ Program after flag hoisting function at Canteen Cement Lawn of SVNIT on August 15, 2020.
- 84) Organized ‘Deshbhakti Geet’ Program on Virtual mode at SVNIT on 15th August, 2020; performed Poetry Recital and Deshbhakti Geet singing as a Program Coordinator.
- 85) Hindi Kavya pathan at Student Hindi Kavya Path Pratiyogita of Hindi Pakhwada - 2020 organized by Hindi Cell of SVNIT on September 09, 2020.
- 86) Acted as Coordinator at Akhil Bhartiya Hindi Kavisammelan of Hindi Pakhwada - 2020 organized by Hindi Cell of SVNIT and performed Hindi Kavya Pathan on September 12, 2020.
- 87) Hindi Kavya Pathan at ‘Samapan Samaroh’ of Hindi Pakhwada - 2020 on Hindi Diwas organized by Hindi Cell of SVNIT on September 14, 2020.
- 88) Hindi Kavita Pathan program aired on **Akashwani Surat FM 101.1** on Hindi Diwas, September 14, 2020.
- 89) Gujarati Kavya Pathan and Geet presentation on Karaoke tracks at the event of Webinar on “Industrial Engineering” organized by S. N. Patel Institute of Technology & Research Centre, UmraKh on September 15, 2020.

27. Membership of Professional Bodies

- Life Member- Indian Society for Technical Education, New Delhi (LM-10483)
- Life Member- Indian Institution of Industrial Engineering, Navi Mumbai (MIIE 9342)
- Member- Pune Management Association
- Member- Indian Institution of Production Engineers (WM 1352)

28. Country Visited

Dubai, France, USA, Singapore, Thailand, Malaysia

Date: 22/09/2020

Place: Surat

Dr. Tushar N. Desai