Profile Page



Name	:	Dr Ajay Gupta		
Designation	:	Associate Professor		
Department	:	Industrial & Production Engg.		
Qualification	:	 Ph.D. Industrial Engineering (Dr. B. R. Ambedkar NIT Jalandhar) M. Tech. Industrial Engineering (Dr. B. R. Ambedkar NIT Jalandhar) MBA (IGNOU Delhi) B. Tech. Industrial Engineering (GNDU Amritsar/ REC Jalandhar) 		
		Sr. Secondary Non Med. (PSEB Mohali) Matriculation (PSEB Mohali)		
Address	:	Sudesh Niwas, #3, Golden Colony Phase-2, Deep Nagar Jalandhar Cantttt, Punjab - 144005		
Email	:	guptaa@nitj.ac.in		
Phone	:	95010-30373		

Research Interests :

Operations Management Operations Research Theory of Constraints Data Analytics MIS Materials Management Marketing Management Statistics

Journal Publications :

Year	Journal	Publication
2021	International Journal of Logistics	6. Gupta Ajay, Arvind Bhardwaj, Neeraj Bhanot "Modified TOC
	Systems and Management, Vol 38,	Heuristics considering complete shipment and multiple physical
	No 3, 2021	resources as constraints"
2021	Materials Today: Proceedings,	1. Arya S., Gupta A., and Bhardwaj A., "Economic Analysis of
	Vol. 46, No. 20, pp. 10239-10243.	Electronic Waste Materials: A Region Based Study,"
2020	International Journal of Logistics	Gandhi, S.K., Sachdeva, A. and Gupta, A. "Service Quality in
	Systems and Management, Vol. 35	Manufacturing Supply Chains: A Bi-directional perspective from Indian
	, No 2, 2020, pp 149-203	SMEs"

2020	Journal of Optimization in	3. Arya S., Gupta A., and Bhardwaj A., "Behaviour of Individuals
	Industrial Engineering, Vol. 13,	towards E-Waste Management in India"
	No. 2, pp 239-248	
2020	Materials Today: Proceedings	Gupta Ajay, Sharma Varun, Parul Kumar "Investigating the effect of
	39(3)	ferritic filler materials on the mechanical and metallurgical properties of
		Hardox 400 steel welded joints
2020	Advances in Materials and	Manoj Kumar Singh, Rajeev Trehan, Gupta Ajay, "Application of grey
	processing technologies, published	approach to enhance the surface properties during AWJ machining of
	online 25 June 2020	marine grade Inconel"
2019	International Journal of Six	Rajeev Trehan, Ajay Gupta, Mohit Handa "Implementation of Lean Six
	Sigma and Competitive advantage,	Sigma Framework in a Large Scale industry: A case study"
	Volume 11, No 1, pp 23-41	
2019	Uncertain Supply Chain	Gandhi, S.K., Sachdeva, A. and Gupta, A. (2019), "Supplier service
	Management, Issue 7. (Scopus	quality in supply chains of Indian SMEs: A dual direction dyadic
	Indexed), pp- 289-310	perspective"
2019	Journal of Energy, Environment	Arya S., Gupta A., and Bhardwaj A., "E-Waste Recycling: India versus
	and Carbon Credits (JoEECC),	Developed Countries"
	Vol. 9, No. 1, pp. 06-12	
2019	Journal of Advanced Research in	1. Shiv Dev Singh, Ajay Gupta, Vishal S. Sharma "Wear Behaviour of
	Mechanical Engineering and	Aluminium Matrix Hybrid Composites: A Review"
	Technology, vol 6, issue 1 & 2,	je se presente se
	2019, pg. 13-22	
2019	Materials Research express, vol 6	Shiv Dev Singh, Ajay Gupta, Vishal S. Sharma "Production and high
	r in the second s	temperature wear characterization of AA 7075/ AL2O3/Graphite hybrid
		nano composites by enhanced stir and ultrasonic assisted casting
		method"
2019	Journal of Advanced Research in	Singh, S., Gupta, A., & Sharma, V. S "Investigating Properties of
	Manufacturing, Material Science	Hybrid Alumina / Graphite Aluminium Matrix Nano Composites"
	& Metallurgical Engineering,	
	Volume 6, Issue (3&4)	
2019	Journal of Advanced Research in	4. Pranshu Bhateja, Vishal Sharma, Ajay Gupta "Efficiency
	Production and Industrial	enhancement of Photovoltaic Panel with Solar Trackers : A review"
	Engineering, Vol 6, issue 3 & 4	
2019	Journal of Advanced Research in	5. Pranshu Bhateja, Vishal Sharma, Ajay Gupta "Energy efficiency
	Alternative energy, Environment	studies – modeling and analysis of Solar tracker system"
	and Ecology, vol 6, issue 1& 2	
2018	Journal of Project Management,	Gandhi, S.K., Sachdeva, A. and Gupta, "Reduction of Rejection of
	vol 4, pp 81-96	Cylinder blocks in a casting unit : A six sigma DMAIC perspective"
2018	International Journal of Waste	Somvir Arya, Dr. Ajay Gupta, Dr. Arvind Bhardwaj "Electronic Waste
		Management Approaches : a Pilot study in Northern Indian states"
2018	Management Science letters No. 8,	Gandhi, S.K., Sachdeva, A. and Gupta, A. (2018), "Impact of Service
-	991-1014. (Scopus Indexed)	Quality & Satisfaction on employee loyalty: An empirical investigation
		in Indian SMEs"
2018	Journal of Advances in	Gandhi, S.K., Sachdeva, A. and Gupta, A. (2018), "Impact of Service
-	Management Research, issue 8, pp	Quality on Satisfaction and loyalty at Manufacturer –Distributer Dyad:
	455- 474	insights from Indian SMEs"
2018	Management Science Letters, No.	Gandhi, S.K., Sachdeva, A. and Gupta, A., "Developing a scale to
	8, 7-39	measure employee service quality in Indian SMEs"
2018	Uncertain Supply Chain	Gandhi, S.K., Sachdeva, A. and Gupta, A., "Distributor service quality in
	Management, No. 6, 1-23.	Indian SMEs: A bi-directional customer perspective"
2018	IUP Journal of Supply Chain	Gandhi, S.K., Sachdeva, A. and Gupta, A., "Critical Analysis of Service
	Management, 15(1), 7-39	Quality Models Relevant to Supply Chains of Small-Medium
		Manufacturing Units"

2018	International Journal of	2. Arya S., Gupta A., and Bhardwaj A. (2018), "E-waste Management
2010	Mechanical and Production	Policies Comparison of India with Other Countries – A Case Study"
	Engineering Research and	Toheres comparison of mala with other countries Trease study
	Development (IJMPERD), Vol. 8,	
	No. 6, pp. 487-496.	
2017	VIVECHAN International Journal	Rohit Sharma, Anish Sachdeva, Ajay Gupta " Lean manufacturing and
2017	of Research, vol. 8, issue 1, 2017,	organizational performance: A systematic review of the state of art
	pp 13-28, ISSN No. 0976-8211	literature"
2017	ICFAI Journal of Operations	Rohit Sharma, Anish Sachdeva, Ajay Gupta "Commonality amongst
2017	Management	various Lean Manufacturing techniques : An investigation in Indian
	Wanagement	
2017	International Journal of Advanced	Automobile industry" Surjit Gandhi, Anish Sachdeva, Ajay Gupta "Industry-Specific Service
2017		
	Research in Quality Control	Quality Models- A Review in context of Indian SMEs"
	Management, Vol. 2(1&2), pp.	
	18-26, issue 1, 2017, ISSN No.	
2017	0976-8211	
2017	J Adv Res Qual Control Mgmt	Gandhi SK, Sachdeva A, Gupta A. Developing A Service Quality Scale
	2017; 2(4):(1-14).	From Distributor Perspective Working with Small & Medium
		Manufacturing Enterprises
2017	J Adv Res Servi Mgmt 2017; 4(3)	Gandhi SK, Sachdeva A, Gupta A. Developing a Scale to Measure
	: 1-13.	Distributor Service Quality in Indian Small and Medium Manufacturing
		Enterprises
2017	Journal of Industrial Engineering	Surjit Gandhi, Anish Sachdeva, Ajay Gupta. Treat Employees like
	and Advances Volume 2 Issue 3,	Customers for an Achievement Culture: An Intrinsic Service Quality
	2017, pp. 1-10	Perspective from Indian SMEs
2017	E - Commerce for Future &	Gandhi, S.K., Sachdeva, A. and Gupta, A., "A Review of Service
	Trends, 4(3), 1-12.	Quality and its Evaluation Methods: The Indian School of Thought"
2016	Universal Journal of Management,	Gupta Ajay "Modified Theory of Constraints Heuristics (MTOCh1)
	vol. 4(12), pp 670-677, 2016	Keeping Complete Shipment as Constraints"
2016	International Journal of Lean	Gaurav Garg, Ajay Gupta, Rahul S. Mor, Rajeev Trehan (2017),
	Enterprise Research Vol. 2, No 2,	"Execution of Single Minute Exchange of Die in Cardboard Box
	2016, pp 133-145	Manufacturing Company: A Case Study"
2015	Journal of basic and applied	Surinder Paul, Ajay Gupta, Rahul Kapoor "Analysis and validation of
	engineering research, vol 2, issue	sand casting process using Procast"
	4, Jan-March 2015, pp 278-281,	
	issn no. 2850-0077, Krishi	
	Sanskriti publications	
2015	International journal of Scientific	V Rao, Ajay Gupta, Amit Kumar "CFD Based heat transfer analysis of
	and Engineering Research. Vol 6,	solar air heater duct provided with artificial roughness"
	issue 5, May 2015, ISSN	
	2229-5518 pp 28-35	
2014	International Journal of Science	Sharma Rohit, Kalra Parveen, Gupta Ajay "Simulation of robotized MIG
	and Research, vol 3, issue 5, pp	welding using Robostudio"
	523-528	
2011	WASET Journal, vol.75, 2011, pp	Gupta Ajay, Bhardwaj Arvind, Kanda Arun, "Theory of Constraints-
	134-138, ISSN No. 2010-376X	Lessons for academicians and practicing managers from The Goal II"
2010	WASET Journal, vol. 70, 2010, pp	Gupta Ajay, Bhardwaj Arvind, Kanda Arun, "Fundamental concepts of
	687-693, ISSN No. 2010-376X	Theory of Constraints- an emerging Philosophy"
2010	WASET Journal, vol. 69, 2010, pp	Bhardwaj Arvind ,Gupta Ajay, Kanda Arun, "Drum-Buffer-Rope- the
	103-106, ISSN No. 2010-376X	technique to plan and control the production using Theory of

2010	VIVECHAN International Journal	Gupta Ajay, Bhardwaj Arvind , Kanda Arun, Sachdeva Anish, "Theory		
	of Research, vol. 1, 2010, pp	of Constraints based approach to effective change management		
	40-48, 0976-8211			
	Science, Engineering and Health	3. Rohit Sharma, Anish Sachdeva, Ajay Gupta "Leanness assessment of		
	studies (Accepted for publication)	automobile industry using fuzzy based integrated approach"		
	International Journal of	1. Astha Sharma, Neeraj Bhanot, Ajay Gupta 'Application of Lean Six		
	productivity and performance	Sigma Framework for Improving manufacturing efficiency: a case study		
	management,(accepted for	in Indian context'		
	publication)			

Conference Publications :

Year	Conference	Publication
2018	5th International Conference on Production and	S. K. Gandhi, Ajay Gupta, "Service Quality Through
	Industrial Engineering (CPIE 2018), Bangkok,	the Lens of SAP-LAP Methodology: A Case Study"
	Thailand,	
2017	International conference on computing,	Gurjinder Singh, Ramesh Kumar Sunkaria, Ajay
	communication and Automation, 2017	Gupta "Modified Quaternion Encryption for DICOM
		Image"
2016	of 4th International Conference on Production and	Gupta Ajay and Tripathi, Shubham (2016), "Artificial
	Industrial Engineering (CPIE 2016), NIT, Jalandhar,	intelligence techniques for load forecasting in power
	Punjab (India), 19-21 Dec., 2016.	sector: A literature review"
2016	4th International Conference on Production and	Gandhi S. K., Sachdeva, A. and Gupta, A. (2016),
	Industrial Engineering (CPIE 2016), NIT, Jalandhar,	"Reinventing service quality models in supply chains
	Punjab (India), 19-21 Dec., 2016.	of Indian SMES"
2016	4th International Conference on Production and	Sharma, Rohit., Sachdeva, A. and Gupta, A. (2016),
	Industrial Engineering (CPIE 2016), NIT, Jalandhar,	"Lean manufacturing practices and organisational
	Punjab (India), 19-21 Dec., 2016.	performance: A review"
2016	4th International Conference on Production and	Singh, Shivdev, Gupta, A., and Sharma, V.S. (2016),
	Industrial Engineering (CPIE 2016), NIT, Jalandhar,	"Tribological, Mechanical and Machining Properties
	Punjab (India), 19-21 Dec., 2016.	of Aluminium Matrix Hybrid Composites: A Review"
		In Proceedings
2016	14th International Conference on Humanizing Work	Gandhi S. K., Sachdeva, A. and Gupta, A. (2016),
	and Work Environment HWWE-2016, NIT,	"The measurement of service quality: a crtique of
	Jalandhar, Punjab (India), 8-11 Dec., 2016.	SERVQUAL"
2016	4th International Conference on Production and	Pal Surinder, Gupta, A., and Sutaria M. (2016),
	Industrial Engineering (CPIE 2016), NIT, Jalandhar,	"Investigation and Analysis of Gate Valve using
	Punjab (India), 19-21 Dec., 2016.	Auto-Cast"
2016	4th International Conference on Production and	Arya Somvir, Gupta, A., and Bhardwaj, A. (2016),
	Industrial Engineering (CPIE 2016), NIT, Jalandhar,	"The Exploration of Human Health Problems and
	Punjab (India), 19-21 Dec., 2016.	Management of E-Waste"
2016	4th International Conference on Production and	Bhateja Pranshu, Gupta, A., and Kumar Sanjeev
	Industrial Engineering (CPIE 2016), NIT, Jalandhar,	(2016), "To Study the Machining Characteristics of
	Punjab (India), 19-21 Dec., 2016.	Cryogenically Treated Die Steels using EDM
		Process"
2016	4th International Conference on Production and	Singh, Manoj K., Gupta, A., and Trehan Rajeev
	Industrial Engineering (CPIE 2016), NIT, Jalandhar,	(2016), "Investigation of process parameters for
	Punjab (India), 19-21 Dec., 2016.	improvement of surface roughness and MRR of
		Inconel 625 by Grey-Taguchi methodology during
		AWJM"

2015	International Conference of Advance Research and Innovation (ICARI-2015) pp. 123-125.	S. K. Gandhi, Anish Sachdeva, Ajay Gupta, 'Building a Blue Print for Service Quality for Indian Small & Medium Manufacturing Enterprises'
2013	International Conference on production and Industrial Engineering- 2013, NIT Jalandhar, 29/03/13 – 31/03/13	Gupta Ajay, Bhardwaj Arvind, "Late night discussions :- A bank of knowledge on various Management issues from Goldratt's site"
2013	International Conference on Sustainable Manufacturing and Operations Management, Mauritius, 26/06//13 – 28/06/13	Gupta Ajay, Bhardwaj Arvind, "Theory of Constraints based approach to Marketing Management"
2013	International Conference on Sustainable Manufacturing and Operations Management, Mauritius, 26/06/13 – 28/06/13	Gupta Ajay, Bhardwaj Arvind, Balkar Singh "Determination of optimal location for dominant constraint in multi-constraint scenario"
2013	2nd international conference on Production and Supply Chain Managmenet, Rome (Itely), 07/11/13 – 09/11/13.	Gupta Ajay "Modified Theory Of Constraints Heuristics (MTOCh1) Keeping Complete Shipment as Constraints"
2013	International Conference on Innovations in Engineering and Technology, Bangkok (Thailand), 25/12/2013- 26/12/2013	Gupta Ajay "Modified TOC Heuristics when complete shipment and multiple physical resources are constraints"
2011	International Conference on Manufacturing Systems Engineering, Bangkok (Thailand), 29/03/11 – 31/03/11.	Gupta Ajay, Bhardwaj Arvind, Kanda Arun, "Theory of Constraints- Lessons for academicians and practicing managers from The Goal II"
2010	International Conference on Mechanical & Industrial Engineering (WASET), Singapore, 25/08/10 – 27/08/10	Gupta Ajay, Bhardwaj Arvind, Kanda Arun, "Fundamental concepts of Theory of Constraints- an emerging Philosophy"
2010	International Conference on production and Industrial Engineering- 2010, NIT Jalandhar, 03/12/10 – 05/12/10.	Gupta Ajay, Bhardwaj Arvind, "Theory of Constraints A Review of the work done by Goldratt and others"
2010	International Conference on Manufacturing & Industrial Engineering (WASET), Amsterdam, 28/09/10 – 30/09/10.	Bhardwaj Arvind ,Gupta Ajay, Kanda Arun, "Drum-Buffer-Rope- the technique to plan and control the production using Theory of Constraints"
2008	Fourth IAMB conference, San Diego, California, USA, 28/01/08 – 30/01/08	Gupta Ajay, Bhardwaj Arvind, Kanda Arun, "Theory of Constraints- Lessons for academicians & practicing managers from THE GOAL",
2008	Gupta Ajay, Bhardwaj Arvind, Kanda Arun, "Theory of Constraints & soft Management issues"	International Conference on Quantitative methods, Operations and Information Technology, IBS Hydrabad, 24/10/08- 25/10/08
2007	Global Conference on production and Industrial Engineering- 2007, NIT Jalandhar, 22/03/07 – 24/03/07	Dogra Manu, Sharma V.S., Gupta Ajay, Amit Chauhan "Autonomous maintenance – A key strategy for improvement in maintenance of process plants"

Book/Chapter Publications :

Туре	Title	Publisher	Authors	ISBN/ISS	Year
				N No.	
Book	Development of success factors for	Elsevier	Arya S., Gupta		2021
chapter	managing e-waste in Indian		A., and Bhardwaj		
	Organizations-An Empirical Investigation		А.		
	E-Waste Management Strategies across	Springer Nature	Arya S., Gupta		2021
	Recycling Industry of Northern India-An		A., and Bhardwaj		
	Empirical Investigation		А.		
Book	Service Quality Through the Lens of	Springer	Ajay Gupta,	2522-5030	2019
Chapter	SAP-LAP Methodology: A Case Study		Rajeev Trehan,		
			Surjit Gandhi		

Book	Service Quality in Indian SMEs:	Springer	Surjit Gandhi,	2195-4364	2019
Chapter	Developing a dual directional scale at		Anish Sachdeva,		
	supplier-Manufacturer Dyad		Ajay Gupta		
	Theory of Constraints: A philosophy to	Lambert	Dr. Ajay Gupta		2017
	improve the performance of an	Academy			
	organisation	Publishing			

Events Organized :

Category	Туре	Title	Venue	From	То	Designation
Conference	International	Production and Industrial Engineering (CPIE-2007)	NIT Jalandhar	22-03-2007	24-03-2007	Convenor
Conference	International	2nd International Conference on Production and Industrial Engineering (CPIE-2010)	NIT Jalandhar	03-12-2010	05-12-2010	Joint Organizing Secretary
Conference	International	3rd International Conference on Production & Industrial Engineering	NIT Jalandhar	29-03-13	31-03-13	Organizing Secretary
Conference	International	4th International Conference on Production & Industrial Engineering	NIT Jalandhar	19-12-2016	21-12-2016	Organizing Secretary
Short-term Course	National	Supply Chain Management- issues and challenges	NIT Jalandhar	13-07-2009	17-07-2009	Coordinator
Short-term Course	National	Industrial Engineering in current Business Paradigm- issues & Challenges	NIT Jalandhar	12-07-2010	17-07-2010	Coordinator
Short-term Course	National	Perspectives of metal cutting- Present and future	NIT Jalandhar	12-07-2010	17-07-2010	Coordinator
Workshop	National	Workshop on finite elements analysis organized by Creo soft limited	NIT Jalandhar	28-03-2016	30-03-2016	Coordinator
Short-term Course	National	Fundamentals and applications of finite element methods	NIT Jalnadhar	13-06-2016	17-06-2016	Coordinator
Short-term Course	National	Perspective of machining – present and future	NIT Jalandhar	11-07-2016	15-07-2016	Coordinator
Conference	International	5th International Conference on Production & Industrial Engineering	Bangkok, Thailand	26-03-2018	29-03-2018	Organizing Secretary

Workshop	National	Soft skills workshop for	NIT Jalandhar	08-12-17	12-12-17	Co-ordinato
		UG students (in				r
		collaboration with				
		SAPIENT technologies)				
Conference	International	6th International	NIT Jalandhar	08/06/19	10/06/19	Organizing
		Conference on				Secretary
		Production & Industrial				
		Engineering				
Conference	International	17th international	NIT Jalandhar	08/11/19	10/11/19	Chief
		conference on				Convener
		Humanizing work and				
		work environment				
Conference	International	International	NIT Jalandhar	09/10/20	11/10/20	Chairman
		Conference on				
		Industrial &				
		Manufacturing Systems				
		(CIMS-2020)				
STC	National	Advances in Operations	NIT Jalandhar	02/12/19	06/12/19	Chief
		Management for				Convener
		manufacturing systems				
Workshop	National	CAD/CAM and	NIT Jalandhar	02/12/19	23/12/19	Co-ordinato
		Industrial Automation				r
		using various software				
		packages				
Workshop	National	interview skills for	NIT Jalandhar	15/06/20	16/06/20	Co-ordinato
		students				r
STC	National	Machine learning using	NIT Jalandhar	11/09/20	15/09/20	Co-ordinato
		Python				r
STC	National	Effective	NIT Jalandhar	11/08/20	15/08/20	Co-ordinato
		Communication Skills				r
		in the Digital Era				

Professional Affiliations :

Designation	Organization
Fellow	The Institution of Engineers (India)

PhD Supervised :

Scholar Name	Research Topic	Status	Year	Co-Supervisor
Chander Parkash	Ergonomics	Comprehe	2019	Dr. L P Singh
		nsive		
		defended		
Mohit Datt	Study and Analysis of some Issues of Healthcare	Comprehe	2018	Dr. S.K.Mishra
	System in Indian Context	nsive		
		defended		
Shivdev Singh	A study on properties of Aluminium matrix	Completed	2013	
	hybrid composites			
Somvir Arya	An Investigation into E-waste management	Completed	2013	Dr. Arvind Bhardwaj
	system in Northern Indian States			
Pranshu Bhateja	Energy Efficient Solar System	Completed	2013	Dr. Vishal Sharma

Rohit Sharma	Impact of Lean Manufacturing Practices on	Completed	2012	Dr. Anish Sachdeva
	Organizational Performance: An Exploratory			
	Study in Automobile Sector			
Surjit Kumar	Impact of service quality attributes in the supply	Completed	2012	Dr. Anish Sachdeva
	chain of Indian Small & medium Manufacturing			
	enterprises			

PG Dissertation Guided :

Student Name	Dissertation Title	Status	Year	Co-Supervisor
Shubam Tripathi	Inventory Management using FSN analysis and	Completed	2017	Dr. Rajeev Trehan
	demand forecasting in a valve manufacturing			
	company			
Ruchika	Implementation of Lean Tools: A case study in	Completed	2016	
Bhatnagar	ball valve industry			
Gaurav Garg	Organizational efficiency improvement: A case	Completed	2016	
	study in corrugation industry			
Gaurav	Controlling the work in process inventory using	Completed	2016	Dr. Anish Sachdeva
Upadhyay	flexsim			
Surinder Paul	Experimental investigation and analysis of gate	Completed	2015	Dr. Mayur Sataria
	valve using casting simulation			
Vijander Singh	A parametric study of GTAW(gas tungsten arc	Completed	2015	Dr. Dinesh Shukla
	welding) on mechanical properties of low carbon			
	steel			
Sunil Negi	CFD Based flow analysis of solar air heater duct	Completed	2014	Dr. Subhash Chander
	provided with artificial roughness			
Vivek Rao	CFD Based Heat Transfer analysis of solar air	Completed	2014	Dr. Subhash Chander
	heater duct provided with artificial roughness			
Amit Kumar	To implement quality costing system through	Completed	2014	Dr. Rajeev Trehan
	process control model			
Sandeep Kumar	Cost of quality: A case study in process industry	Completed	2014	Dr. Rajeev Trehan
Sandeep Kumar	Cost of quality: A case study in process industry	Completed	2014	Dr. Rajeev Trehan
Amit Gupta	Application of Industrial Engineering Techniques	Completed	2013	
	to improve productivity-a case study.			
Vinod Mahajan	Survey of customers behavior regarding car	Completed	2013	Dr. L P Singh
	repair through authorized service centres			
D.K.Gupta	Strategic allocation of resources using linear	Completed	2013	Dr. Anish Sachdeva
	programming model with parametric analysis			
Shashi Lata	Selection of machine tools using Fuzzy logic	Completed	2012	Dr. Anish Sachdeva
Himanshu	Productivity improvements in international	Completed	2012	Dr. Anish Sachdeva
Kaushal	Tractors limited: a case study			
Manish Nagpal	Optimization of transportation costs using Fuzzy	Completed	2012	Dr. Anish Sachdeva
	extension principles			
Harmanpreet	Study of various Occupational stresses in	Completed	2011	Dr. L P Singh
Singh	insurance industry			
Abhijeet	Optimization of maintenance schedule using	Completed	2010	Dr. Anish Sachdeva
dhadheech	Genetic algorithm			
Rajinder Bansal	Customer perception and preference survey of	Completed	2010	Dr. Arvind Bhardwaj
	value added services			
Gurdeep Singh	Continual Process improvements using Statistical	Completed	2010	Dr. Anish Sachdeva
	process control			
Gautam Kocher	Anthropometric studies of industrial workers in	Completed	2009	Dr. Arvind Bhardwaj
	state of Punjab			

Davinder Sethi	Process parameters optimization in turning	Completed	2009	Dr. Vishal Sharma

Admin. Responsiblities :

Position Held	Organization	From	То	
Head of Department	Industrial & Production Engineering	09-02-2018	08-02-2020	
Nodal Officer	Students Grievance Redressal Committee	June 2016	May-2019	
Controller of Examination	NIT Jalandhar	08-02-2017	08-02-2018	
Associate Dean (Academics-PG)	NIT Jalandhar	08-02-2017	08-02-2018	
Deputy Registrar (Accounts)	NIT Jalandhar	Sept-2013	March-2014	
Head- Training	NIT Jalandhar	08-02-2020	till date	