



Gujarat Technological University, Ahmedabad

(Established under Gujarat Act No. : 20 of 2007)

PhD Pre-Registered Student List 2012

Date: 22/05/2013

Sr. No.	Registration No.	Name of Student	Research Topic	Supervisor Name
Environment Engg.				
1	1802	HUMA S SYED	Energy Neutral Sewage Treatment Plants : Technological options, Evaluation & System design	Dr. N. S. Varandani
2	1805	MINARVA J PANDYA	Study on Electro Oxi- Floc system for removal of Refractory organics and colour from Industrial waste waters	Dr. N. S. Varandani
3	1807	PRAKRUTI VISHAL SHAH	System approach to develop the design criteria for inlet distribution system for UAF & EGSB	Dr. N. S. Varandani
4	PAPSUB001	Sonal A. Desai	Development of Waste Water Reuse Index for water scarce areas considering cost economics	Dr. N. S. Varandani
Instrumentation & Control Engg.				
1	1501	CHINTAN P. SHAH	Medical signal analysis using artificial intelligence	Dr. Vipul A. Shah
2	1502	DIPESH H. SHAH	Networked Control System	Dr. Axaykumar Mehta
3	1504	KRUPA D. NARWEKAR	Variable structure control approach for nonlinear systems	Dr. Vipul A. Shah
4	1506	PRAKASH MANSUKHBHAI PITHADIYA	Identification & control of nonlinear system using hybrid soft computing	Dr. Vipul A. Shah
5	1507	PRITESHKUMAR JASUBHAI BAREVADIA	Output quality control in polymer processing machinery against various material and process variability	Dr. Vipul A. Shah
6	1509	RUTVIK K. SHUKLA	Patient Support System	Dr. Chetan B. Bhatt
Civil Engg.				
1	1101	ADESARA ALPESHKUMAR JAGDISHCHANDRA	Evaluation of response reduction factor for an elevated tank using Is 1893 Part - II code and other foreign codes	Mr. Rajul K. Gajjar
2	1110	VIJAY.P.KUKADIA	Behaviour of Reinforced Earth	Dr. A. K. Verma
3	1111	MEHUL RAMNIKLAL VITHALANI	Solar desalination through air gap membrane distillation	Dr. Mrugen B. Dholakiya
4	1116	PRANAYKUMAR M. SHAH	Development of model for pre-timed traffic signal coordination on urban ro network	Dr. H. R. Varia
5	1120	UJJAVAL Y. NANAVATI	System optimization of mass transit systems of metro city	Dr. P. J. Gundaliya
6	1121	VIJAY ANADKAT	Technological Interventions to improve quality of drinking water in urban Gujarat originally submitted : Assessment of quality of drinking water in Urban Gujarat	Dr. G. P. Vadodariya
Chemical Engg.				
1	1703	JOSHI JIGAR SHASHANKBHAI	Evaluation of petroleum fractions and their blends with special reference to adulteration	Dr. Puranik S. A.

2	1705	RAJESH VIJAY NAGOTKAR	Synthesis and characterization of polymeric membranes for gas separation	Dr. Shrikant J. Wagh
3	1706	PARESH HARIBHAI RANA	Nano - catalysed bioethanol selective oxidation to acetic acid, a value added petrochemical	Dr. Parimal A. Parikh
4	1707	UJVALA CHRISTIAN	Studies on synthesis, Characterization and applications of microencapsulation process via interfacial polymerization	Dr. Shrikant J. Wagh
5	1708	YASHAWANT PRAHLAD BHALERAO	Experimental investigation in microencapsulation of pharmaceutical active ingredients	Dr. Shrikant J. Wagh
Electronics & Communication Engg.				
1	1405	BHUMI P. BHATT	Investigation of microwave power amplifiers non linearity and linearization techniques	Dr. Subhash Chandra Bera
2	1406	BHUPENDRA PARMAR	Analysis & optimization of routing techniques for wireless Ad-Hoc Networks	Dr. Kishor G. Maradia
3	1414	HITESH T LORIYA	Optimization of security algorithms in wireless networks (modification have been made as per review comments)	Dr. Kulshrestha ashalata
4	1416	KERALIYA DIVYESH RUDABHAI	Optimization of cooperative spectrum sensing in cognitive radio	Dr. Ashalata Kulshrestha
5	1419	MAKWANA SANJAYKUMAR NATVARLAL	Investigation on microstrip antenna for wireless communication devices	Dr. Ashalata Kulshrestha
6	1422	GEETALI SAHA	Development of efficient frameworks and techniques for image mining	Dr. Narendrasinh Chauhan
7	1423	PARMAR NILESHKUMAR KANTIBHAI	Improving video compression ratio by optimization of wavelet and time lapse coding	Dr. C. H. Vithalani
8	1432	RATHOD AMIT C.	Design & implementation of data dependent reconfigurable hardware accelerator System for computational intensive application	Dr. R. A. Thakker
9	1435	SANDHANI RAJNIKANT P.	Error analysis and improvement of automatic speaker recognition systems	Dr. Mihir V. Shah
10	1438	SHATRUGHNA PRASAD YADAV	Investigations on efficient feeds for parabolic reflector antennas	Dr. S. B. Sharma
11	1447	PARMAR YOGESHKUMAR	A new multichannel, phase modulated, software - defined radio receiver architecture, and field - programmable - gate - array technology implementation	Dr. Subhash Chandra Bera
12	4008	DARSHANKUMAR CHANDRAKANT DALWADI	Proposed algorithm for MIMO - OFDM systems on fast time - varying multipath fading channel using Fuzzy method	Dr. Himanshu B. Soni
13	4031	PRAJAPATI PANKAJKUMAR PUNAMCHAND	Computer aided CMOS based analog circuit design	Dr. Mihir Shah
14	4032	CHANDRESH DHULABHAI PAREKHA	Synchronization optimization in orthogonal frequency division multiplexing	Dr. Jayesh M. Patel

15	4040	PATEL MANISH P.	Digital beamforming for synthetic aperture radar	Dr. Mihir V. Shah
16	4044	RATANSING NANJIBHAI PATEL	Image denoising based on singular value decomposition method	Dr. Vipul A. Shah
17	4055	SAMIRKUMAR D. TRAPASIYA	Cross layer Optimization for packet scheduling in wireless sensor network	Dr. Himanshu B. Soni
Mechanical Engg.				
1	1205	BHAVIN H. MEHTA	Parametric analysis and experimental investigation of cryogenic heat pipe	Dr. Sonal Desai
2	1206	CHARULA H. PATEL	Investigation on performance characteristics of catalytic converter made from selective transient metals under different engine operating condition	Dr. Nilesh M. Bhatt
3	1209	DAVE DARSHANA KISHORBHAI	Driving Operational innovation and excellence by lean six sigma in foundry SME's	Dr. Murugesh
4	1210	DIPTESHKUMAR R. PATEL	Design & development of an internal milk - run material supply system in automotive industry	Dr. Mulchandbhai B. Patel
5	1211	KULDIP TAKHTASINH DODIYA	Investigation and performance analysis of louvered fins for compact heat exchanger	Dr. Nilesh M. Bhatt
6	1212	TUSHAR P. GUNARNEEYA	Performance analysis of hybrid journal bearing with nano - lubricants	Dr. D. P. Vkharia
7	1214	HEMANG JITENDRA PAREKH	Performance investigation of high speed low rating diesel engine	Dr. Bharat M. Ramani
8	1220	GOHEL JIGNESHKUMAR VINUBHAI	Testing of new refrigerant (HFO - 1234yf) as replacement of R - 134a refrigerant in vapour compression refrigeration (VCR) system	Dr. Ragesh Kapadia
9	1230	MUKESH N MAKWANA	CFD analysis of micro wind turbine for rural area	Dr. A. M. Trivedi
10	1232	NILESH H. PANCHOLI	Investigation on performance reliability improvement by optimizing maintenance practices through failure analysis in continuous process industry	Dr. M. G. Bhatt
11	1234	NIRAV S. JOSHI	Feasibility study of exhaust gas re circulation for I C Engine fueled by biodiesel - diesel blends having variable compression ratio	Dr. N. M .Bhatt & Co. Supervisor :- Dr. B. M. Ramani
12	1235	NIRMAL NITAL PRAVINBHAI	Modeling of supplier selection including risk factors	Dr. Mangal G. Bhatt
13	1245	PATEL VALLABH DAHYABHAI	An analysis and investigation of CBN tools for the machining of hardened steel	Dr. Anishkumar H. Gandhi
14	1253	SAURIN MUKUNDBHAI SHETH	Investigations on geometric dimensioning and tolerancing (GD & T) in context of mechanical design	Dr. George P. M.
15	1257	VAGHELA PRIYAKANT AATMARAM	Optimization of bending stress at critical section of asymmetric spur gear	Dr. J. M. Prajapati

16	1259	MITESH SHAMJI VEGAD	Numerical simulation of transport process during growth of single crystal using Czochralski crystal growth technique	Dr. N. M. Bhatt
Electrical Engg.				
1	1303	ATUL V. KUNPARA	Control of Voltage Source Converter (VSC) in weak Grid conditions	Dr. Vithal N. Kamat
2	1327	PRAJAPATI YOGESHKUMAR RAMANLAL	Price Based intelligence automatic generation and control	Dr. Vithal N. Kamat
3	1338	VRUNDA.R.KOTDAWALA	Development of new piezoelectric generator with optimum power flow for energy harvesting	Dr. Vithal N. Kamat
Computer/ IT Engg.				
1	1603	BHARATKUMAR VIKRAMBHAI CHAWDA	Applying natural computing to stock market portfolio management	Dr. Jayeshkumar M. Patel
2	1607	CHIRAG A. PATEL	Resource management in cloud computing environment	Dr. J. S. Shah
3	1613	GOHIL DHAVALSINH MANSINH	Energy efficient MAC layer protocol in MANET	Dr. Akshay Agrawal
4	1618	JHUMMARWALA ABDUL TAIYAB A	Open cloud based distributed geo-ICT services	Dr. Madhukar B. Potdar
5	1625	NILESH MALTARE	Exploiting Concurrency in GUI Applications through Parrelel Patterns	Dr. Vithal N. Kamat
6	1629	KAJAL S. PATEL	Reliable routing protocol for mobile Adhoc Network	Dr. J. S. Shah
7	1630	PATEL KALPESHKUMAR MANGALBHAI	Unifying design model using patterns to adapt security pattern for software development	Dr. J. S. Shah
8	1639	SWEETY MANIAR	Content based image retrieval (CBIR) using novel Gaussian Fuzzy Feed Forward - Neural Network	Dr. J. S. Shah
9	1640	TUSHAR J. RAVAL	Improving Geographic Routing for low density mobile ad - hoc	Dr. Jagdish S. Shah
10	4034	PATEL PINAL JAYANTILAL	Intrusion detection system using machine learning techniques in cloud computing	Dr. J. S. Shah
Computer Science				
1	4031	PATEL FALGUNIBEN BHIKHUBHAI	A clinical support system for diagnosis of various diseases in the field of Ophthalmology	Dr. Priyanka Sharma
2	4036	POPAT KALPESH ASHOKKUMAR	Analysis, Design and comparative study on location updating strategies in mobile computing	Dr. Priyanka Sharma
3	4039	RAJENDRA SOMCHAND PARMAR	Optimized Algorithm for predicting, detecting vehicular congestion to achieve uniform vehicular density	Mr. Bhushan Trivedi
4	4043	RUTVI SHAH	Decision support system for automatic identification of ROI for medical images	Dr. Priyanka Sharma
5	7066	SURTI AKILHUSEIN ZULFIKAR	Bioinformatics pattern recognition	Dr. Priyanka Sharma
Management				
1	3006	ANKITA MAHESHBHAI SONI	Impact of social media marketing on consumer buying behaviour : an analytical study of selected cities of Gujarat state	Dr. Bijal Zaveri

2	3011	AVNI JARIWALA	A study of awareness, attitude & factors influencing personal financial planning for residents of Gujarat	Dr. Satendra Kumar
3	3019	DAISY N.KURIEN	A study of factors influencing perception of tweens for multinational fast food restaurants (QSR) : with special reference to Gujarat	Dr. Rohit H. Trivedi
4	3021	DARSHANA DESAI	A study of an impact of website personalization on users' intension to return and purchase with B2C based e-commerce sites	Dr. Satendra Kumar
5	3022	DELNAZ DASTOOR	"A study on analysing Indian mergers and acquisitions & its impact on financial performance of selected corporates in India"	Dr. Prashant Joshi
6	3026	DIPTI BHATT	A study of customer perception towards use of internet banking for online transactions in selected cities of Gujarat state	Dr. H. N. Mishra
7	3027	DISHABAHEN BHAGAT	A case study on financial literacy of working women in Kheda district	Dr. H. N. Mishra
8	3029	FALGUNI SHELANI	"Comparative study of outcomes of policies and practices of place marketing in the state of Gujarat & Rajasthan"	Dr. S. Chinnam Reddy
9	3032	GARIMA RATHI	Online distribution channel of Indian Life Insurance industry : A study on consumer perception and future prospects	Dr. Jayesh P. Aagja
10	3033	GAURANGKUMAR BAROT	A study on measuring effectiveness for functional dimensions of service quality, consumer perception and satisfaction for major public and private hospitals in Gujarat	Dr. Jayaashish Sethi
11	3034	GINCY JIJU MATHEW	"In Depth study of consumer perception towards celebrity endorsement and its impact on brand building with special focus on teenagers in Gujarat "	Dr. Jayaashish Sethi
12	3036	HARENDRA SINH VADHER	A study on sustainability of power generation, transmission & distribution in private sector in India	Dr. Chinnam Reddy
13	3040	HIREN PRAKASHBHAI MEHTA	A study on women empowering through microfinance in Gujarat	Dr. S. Chinnam Reddy
14	3046	KAMLESHKUMAR B. GOHIL	A study on successful management of SME's projects by implementing project management methodologies and to adapt project management methodologies for SME's	Dr. Jayaashish Sethi
15	3047	KAUSHAL D THAKAR	Measuring service quality of the telecommunication service providers in Gujarat circle : A fuzzy servqual approach to measure the service quality of 3rd generation mobile telephony	Dr. Kavita P. Kshatriya

16	3055	MANSI PARIKH	A study on development of competency based HR systems for sales function in pharma sector	Dr. Pradeep Desai
17	3063	MODI HETAL VINODCHANDRA	Impact assessment of E-governance projects in India	Dr. Akshay Agrawal
18	3069	NEHA NEHAL ROY	A study on evaluation and comparative business model analysis of E - commerce in India : A case study	Dr. Jayesh P. Aagja
19	3070	NIDHI SHARMA	A study of consumer behaviour & their perceived risk towards online shopping in selected cities in India	Dr. Rohit H. Trivedi
20	3073	NIKUNJ PRAJAPATI	Developing performance management model for power plant projects in India with special reference to Gujarat	Dr. Hansa Jain
21	3081	POOJA DHIREN KUNWAR	A study on consumer behaviour towards organized apparel retail industry with reference to Gujarat	Dr. H. N. Mishra
22	3087	TAILOR PRIYANKA MUKESHBHAI	Comparative study of patient towards services & price structure of public and private hospital of Gujarat and Maharashtra	Dr. Bijal Zaveri
23	3092	RACHANA SHARMA	Spirituality and work place - A study of selected organizations in Gujarat	Dr. G. C. Maheshwari
24	3098	RANJANA SINGH	a study of corporate governance and its impact on ethical practices in selected banks of Gujarat	Dr. Sneha Shukla
25	3101	RIDDHI D. SANGHVI	Impact of financial inclusion in Gujarat	Dr. Sunil R. Karve
26	3102	ROSHNA THOMAS	A study on mobile banking in the state of Gujarat	Dr. Abhijeet Chaterjee
27	3103	RUPAL K. KHAMBHATI	Service quality measurement of public healthcare centre - A comparative study on urban and rural consumers of Surat district	Dr. Satendra Kumar
28	3104	SANJAYKUMAR MANJIBHAI SAKARIYA	Evaluation of financial inclusion strategies in western India	Dr. Parag Sanghani
29	3105	SHAH RINAL BHAVINBHAI	Analysing brand equity vis-à-vis service quality dimensions with special focus on Indian telecom sector	Dr. Kavita P. Kshatriya
30	3109	SHARAD SHARMA	Study of social impact of internet in India with special reference to Gujarat	Dr. Hansa Jain
31	3110	SHETH JAYDEEP HARESHKUMAR	A study of the attentional effects of packaging cues of ready to eat food products on the buying behaviour of consumers of selected cities of Gujarat	Dr. Sandip P. Solanki
32	3112	SHYAMSUNDER SINGH	A study of marketing of services by commercial banks in South Gujarat	Dr. Keyur M. Nayak
33	3115	SIRAJ BLOCH	Valuation and implications of marketing strategies adopted by agri - input marketers in Gujarat	Dr. S. Chinnam Reddy
34	3116	BHATT SNEHAL J	Lifestyle & psycho-graphic segmentation of urban consumers for classification of consumer's shopping from malls in the state of Gujarat	Dr. Jaydeep M. Badiyani

35	3123	UNA TUMBESWAR RAO	Impact of ICT in health communication : A study of rural Ahmedabad	Dr. Hemant C. Trivedi
36	3127	VED AMBARISH H.	Tourism marketing and customer satisfaction with special reference to selected tourist places in Gujarat	Dr. B. C. Ajmera
37	3130	VISHAL GOEL	Financial effectiveness and impact of microfinance in Gujarat	Dr. B. M. Jani
38	3133	HIMANI SHETH	Impact of workforce diversity on employee performance with special reference to IT, FMCG & telecom industry in India	Dr. Siddharth Das
39	8071	RHUTA J. MEHTA	A study on effect of hormonal change on female consumer behaviour with reference to apparel/cosmetic products	Dr. Chinnam Reddy
40	Ph121047	PARMAR MANISHKUMAR P.	"An in-depth study of effectiveness of using Value Chain Model in milk production by the milk producers of Gujarat"	Dr. A. K. Makwana
41	Ph12137	RIDDHI AMBAVALE	A study on emotional competence of sales people in organised retail in major cities of Gujarat state	Dr. Amit jain
42	Ph12390	KRUNAL SHASHIKANT VISHAVADIA	Research on influence of below the line promotion on doctor's prescription pattern, retailer's behaviour and consumer's purchasing behaviour	Dr. Sandip P. Solanki
43	Ph12721	PRACHI ACHARYA	Consumer's perceptions & attitudes towards functional food products	Dr. Kavita P. Kshatriya
44	Ph12977	MEHUL DHANSUKHLAL GANJAWALA	"A study of employee empowerment and its impact on customer satisfaction with reference to selected banks of South Gujarat"	Dr. Prashant Joshi

Pharmacy

1	2003	ANKITA H. SONI	Protective effects of CO in diabetes and its' complications	Dr. Anita A. Mehta
2	2008	HADIYA BHOOMIKA GOPALJI	Formulation, development and evaluation of nasal mucoadhesive dosage forms containing desmopressin actene : in vivo - in vitro	Dr. Lakshmanbhai D. Patel
3	2012	DEEPTI KAUSHALKUMAR JANI	Pharmacological investigations of polyherbal formulations in metabolic disorders	Dr. Sunita Goswamy
4	2015	DIPA TEJAS PATEL	Production and formulation of statins from fungal species using fermentation technique	Dr. Rajesh K. S.
5	2020	THAKKER HITESH VAIKUNTHRAN	Preparation, evaluation and scale up of extended release oral dosage form of antipsychotic drugs	Dr. Girish K. Jani
6	2029	MEHTA PRATIK SUKHDEVJI	Analytical method development and validation for some selected anti - obesity drugs	Dr. Vandana B. Patel
7	2030	MIMANSHA CHANDRAKANT PATEL	Studies on principle components of some maliaceae family plants	Prof. P. Malai Rajan
8	2034	SUJIT KUMAR DEBNATH	Multi drug delivery system of tuberculosis	Dr. Saisivam Srinivasan

9	2039	PARMAR MAYURBHAI PRAKASHBHAI	Formulation and characterisation of lipid nanoparticles bearing Tazarotene for enhanced topical delivery in psoriasis	Dr. L. D. Patel
10	2049	PATEL SHITAL SUKHABHAI	Forced degradation study of selective Hi - antihistaminic drugs in bulk and formulation	Dr. Pasha T. Yunus
11	2058	RAMANI VINODKUMAR DEVCHANDBHAI	Formulation and evaluation of nanoparticles of HMG - CoA reductase inhibitor	Dr. Girish K. Jani
12	2060	RUCHIR SHAH	Anticounterfeit medication Technique	Dr. U. M. Upadhyay
13	2061	MISTRY RUJUTA P.	Nano - based formulation for intranasal delivery of selected anti - depressant drug	Dr. Rajesh K. S.
14	2069	SURATI JASMINA SHIVLAL	Development and validation of stability indicating assay methods for estimation of anti diabetic drugs	Dr. Vandana B. Patel
15	9130	PATEL SURESHKUMAR VISHNUBHAI	Phytopharmacological evaluation of blumea hieracifolia DC	Dr. Anand I. Singh
16	9171	SOLANKI NAISHADH	Design, synthesis and evaluation of novel heterocyclic compounds fungal N - Myristoyltransferase inhibitors	Dr. Sen Dhruvo Joyoti

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Registrar
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