

Gujarat Technological University

No: GTU/Ph.D/8430

Date: 08/09/2011

First List of Ph.D. Students approved by SRC & Consented by Guide (Revised)

Sr. No.	Student Regi. No.	Name of Students	Topic of Research approved by SRC	Name of Guide
CHEMICAL & ENVIRONMENT ENGINEERING				
1	0100	Hiren Dinkarray Raval	Solar Powered Reverse Osmosis – Towards Overall Energy Efficiency	Dr. Subarna Maiti
2	0303	Sweta K Parmar	To estimate the pollution carrying capacity of river sabarmati	Dr. Akshay Bhargav
COMPUTER SCIENCE/ENGINEERING				
3	7029	Monika Darji	Intrusion Detection in Distributed Systems	Dr. Bhushan Trivedi
4	7061	Bhavin Shah	Building a behavioral layer to capture modified and or unknown attacks for mobile agent based instruction detection system.	
5	7063	Ms. Shalvi Dave	Network admission and access restriction using traffic analysis and vulnerability detection.	
6	7003	Ankita S. Dwivedi	A Study of microarray for gene and drug analysis	Dr. D.S. Mehta
7	7045	Patel Medha Jigish	Use of ANN in biological data.	Dr. A.K. Aggarwal
8	6021	Patel Manishkumar Manilal	Security in wireless sensor networks.	
9	6016	HITEISHI MILIND DIWANJI	Security in mobile ad hoc routing	Dr. J.S. Shah
10	6037	Mr. Dineshkumar Bhagwandas Vaghela	Efficient Knowledge discovery from very large & dynamic database of text/ image data in dynamic environment.	Dr. Priyanka Sharma
CIVIL ENGINEERING				
11	1035	Parth Kirtikumar Thaker	Prediction of dosage of superplasticizer for desired workability of normal concrete	Dr. Arora Narendra
12	1009	GUNDALIA MANOJ JAYANTILAL	Development of prediction model for rainfall runoff	Dr. Dholakia Mrugen B.
13	1017	Mrs. Neelam Dalal	Knowledge Based Classifier for Wetland Features Extraction	

14	1007	GANDHI HARESH M.	Calibration of conceptual models for rainfall-runoff simulation	Dr. G.P. Vadodaria
15	1004	BHATT PRADIPKUMAR INDULAL	ELASTIC AND PLASTIC ANALYSIS OF STRUCTURE BY FLEXIBILITY GENERAL APPROACH	Dr. Gujjar Rajul K.
16	1010	Nilesh S. Jha	Study of Multi Hazard on Urban Habitat (Important Buildings) of Ahmedabad	
17	1021	Ashutosh K Patel	Traffic Flow Modeling for an Urban Road Network Using Cellular Automata	Dr. Gundaliya Pradipkumar J.
18	1005	B.J.Panchal	Foldable , Earthquake Resistant Building Design	Dr. Harshvadan S. Patel
19	1036	Ms. Merool D.Vakil	Investigation of Cold formed stainless steel-concrete composite deck	
20	1006	Ms. Dhara Shah	Guidelines for seismic design specifications for jelly structures in Gujarat	Dr. Shah Bharat J.
21	1028	Shah Devang Arvindbhai	Attaining optimal sustainability of urban waste water management- case study of vadodara municipal corporation.	Dr. Shete Dilip T.
ELECTRONICS AND COMMUNICATION /INSTRUMENTATION & COMMUNICATIONS				
22	4074	Vrushank M. Shah	Managing uncertain in WSN help theory & evidence	Dr. A.K.Agarwal
23	5001	Brijesh Naik	Stability study of Networked Control Systems with delay compensation algorithms and with application of modern control techniques to achieve robust performance.	Dr. Axay Mehta
24	4007	Charushila Axay Patel	Applying Software Defined Radio (SDR) as a Tool for Improving Throughput Efficiency of Wireless Adhoc Networks	Dr. C.H.Vthalani
25	4017	Navneet Shantilal Ghedia	Design & implementation of 2-Dimensional and 3-Dimensional object detection and tracking algorithms	
26	4018	Hasmukh P. Koringa	Power Optimization in VLSI circuits	Dr. Vipul A. Shah
27	4036	PATEL DHAVALKUMAR KARSHANBHAI	Design and Implementation of an Optimized Distributed Cooperative Communication (ODCC) for Cognitive Radio Architecture	Dr. D.J. Shah
MECHANICAL ENGINEERING				

28	2033	Prexa H Parikh	Performance & Investigation of active solar still with evacuated thermal collector.	Dr Nilesh M Bhatt
29	2001	AVDHOT JEJURKAR NARENDRA	Vortex Tube Refrigerator	Dr. A.N.Shukla
30	2052	SARPRAMER HAMIRBHAI REWABHAI	Investigation on Liquid Mass Flow Rate Trough The Treated and Concentrate Compartment of Electro Dialysis Unit	Dr. Desale Girish Rajnikant
31	2051	SAMIP PRAKASHKUMAR SHAH	RQL Combustion Chamber For Micro Gas Turbine	Dr. Digvijay Kalshreshtha
32	2056	Sonigra Sunilkumar Sureshchandra	Application of Quality Control Tools to maintain Customer Satisfaction	Dr. M.N.Quereshi
33	2057	S.H.SUNDARANI	ADOPATION OF FLEXIBLEMANUFACTURING SYSTEMIN INDUSTRY	
34	2022	Kagthara Manhar Sundarjibhai	Hybrid Algorithm for job shop scheduling using etaheuristics	Dr. Mangal G. Bhatt
35	2034	PARIKH VINAY ASHOKBHAI	Supply Chain Management	
ELECTRICAL ENGINEERING				
36	3022	Urmil Bhagvandas Parikh	Controlled Switching Applications for SF6 Circuit Breakers	Dr. B.R.Bhalja
37	3021	Pandya Manish Mahendrabhai	Enhanced Control and Operation of PMSG or DFIG based Wind generation	
38	3019	Mrs. Rital R. Gajjar	Efficient control of electric vehicals	Dr. B.R.Parekh
39	3026	Patel Krishna I.	prediction and monitoring of leakage current and its signficance to optimize design of composite insulator	
40	3030	Patil Kalpesh Rohitbhai	Power Factor Improvement & Harmonic Reduction in AC converter system	Dr. Hiren Patel
41	3039	SHAH NEHA SAURABH	Distributed Generation system (focus on Photovolatic)	
42	3029	URVI NIKUNJ PATEL	Microgrid Power Control	
43	3042	Chirag R Trivedi	Artificial Intelligence Based Classification technique for delineation of wave component in 12 lead Electrocardiogram.	Dr. Sarbjeet Mehta
Management				
44	8009	Ankaleshvariya Nilesh Amaratalal	A study on perception of consumers towards over the counter (OTC) pharmaceutical products in Gujarat	Dr. Jaydeep M.Badiyani

45	8127	Sham Hormusji Sachinwala	A Study on Evaluation and comparison of Univrsties based on multi Criterion Approach Using Analytical Hierarchy Process.	Dr. Pravin Himmat Bhathawala
46	8065	Nirav Majmudar	A Study of IPO Performance in Indian Capital Market	Dr. Rajesh Khajuria
47	Net1	Ms. Ranjita Banerjee	A study of Relationship between HR Practices & SME's Performance	
48	8017	Bharmal Abdulkadir Shabbirusein	Role of Six in HRM inIT industry	Dr. Solanki Sandip P.
49	8073	Mr. MiteshKumar Mohalal Dadhania	Encrypting and Recording Human Resources in the Books of Records	
50	8006	Amit Dungrani	Impact of social networking sites on advertising in Indian context.	Dr.Parag Sanghani
51	8040	Gajera Alpeshkumar Chandulal	"Financial Performance Appraisal of Major Private And Public Sector Banks & Comparative Financial Analysis of Private and Public Sector Banks". / "Evaluation And Remedial Actions of Option Trading Strategies"	Vijay Pithadia
52	8037	Dipak S Gaywala	To study impact of micro finance on living standards of Beneficiaries in the selected area of Bharuch District of Gujarat State	Dr.PGK Murthy
Textile Engineering				
53	200	Ms. Karishma S. Desai	Development of System for online/offline quality control of non woven fabrics/functional fabrics using Digital Image Processing Techniques.	Dr. P.A. Khatwani
Pharmacy				
54	9069	Mr.Madiya Darshan Natvarlal	Studies on nootropic effects of various extracts of Gmelina arborea, Vitex negundo, and Cayratia trifolia.	Dr. Bothara Sunil B.
55	9157	Bhumi Milind Shah	Diabetes	Dr. Chhabria Mahesh T.
56	9120	Patel Mayankkumar A	"DESIGN, FORMULATION & OPTIMIZATION OF FAST DISSOLVING FORMULATIONS OF ANTIEMETIC DRUGS"	Dr. Dashrathbhai M. Patel

57	9159	Shah Harsh Kirankumar	Pulsincap Drug Delivery System of Etoricoxib	
58	9036	Khushboo A. Gandhi	Investigation of various drugs for chemoprevention in experimented animal.	Dr. Gandhi Tejal R
59	9137	Mrs. Payal Nikhil Bhalodia	Evolution of some medicinal plants for the treatment of Syndrome - "X"	
60	9058	Jignasaben Rupjibhai Khant	Formulation development of sublingual fast dissolving film and evaluation of different parameters.	Dr. Girishkumar N Patel
61	9059	Akruti S. Khodakiya	Studies and microemulsion based in situ gel system as an ocular Drug Delivery.	Dr. Lakshmanbhai D. Patel
62	9067	Limbani Milan Dhirajlal	Formulation and evaluation of self - Nano Emulsifying Drug Delivery system (SNEDDS) of poorly water soluble antilipidemic Drugs.	
63	9043	Jadav Pinakin D.	Phytopharmacological investigation of Luffa echinata Roxb fruit with special reference to inflammatory disorders.	Dr. Manish A Ranchch
64	9055	Mr. Manoj K. Kalavadiya	Development of probiotics for the treatment of peptic ulcer disease	
65	9034	Ms. Gajera Falguni	PHRMACOGNOSTICAL, PHYTOCHEMICAL AND ANTISNAKE VENOM ACTIVITY OF <i>MOMORDICA DIOICA</i> RXB. AND <i>CITRULLUS COLOCYNTHIS</i> (L.) SCHRAD.	Dr. Rao Shaival K.
66	9020	Ms. Payalben Purushottam bhai Chauhan	Development and validation of Chromatographic methods for some antihyperli didemic	Dr. Shah Nehal J.
67	9164	Avani Harshadkumar Sheth	Development and validation of chromatographic and spectroscopic methods for estimation of some antihypertensive agents and their combined dosage forms.	
68	9013	Bera kinjal M.	Phytopharmacogrostrical and phytopharmacological study on Anacycins pyrenthrum ptencarpus. Samtalinus L and Rajat Bhayona	Dr. U. M. Upadhyay
69	9024	Desai Nidhi Yogeshkumar	Development of formulation of ocimum basilicum with or without kanika chwone and their evaluation for nephroprotective activity.	

70	9004	Vyas Ankit Pankajbhai	Preparation, Evaluation and Optimization of Self Nanoemulsifying Drug Delivery System (SNEDDS) containing CardioProtective Agent	Dr. Vipul P. Patel
71	9040	Harsha D. Jani	Formulation and characterization of Phytosome - a novel approach for herbal drug delivery system.	Dr. Madhira Bhawanishankar
72	9088	Mukesh B. Jadeja	Formulation and evaluation of phytosome as a novel herbal drug delivery system.	
73	9001	Agrawal Ashok Dilipkumar	Psychopharmacological evaluation of Some Medicinal Plants and its active components	Dr. Anita A. Mehta
74	9018	Mr.Chudagar Kiranj K.	Investigation into molecular targets for cardiac remodelling in heart failure	
75	9031	Fadadu Snehalben Dayalal	Studies on Antihypenlipidaemic activity of some ficusspecies	Dr. Deshpande Shrikalps
76	9019	Nidhi N Chauhan	Formulation, Standardization and Evaluation study of Kidney disease	Dr. Vinit Jain
77	9176	Tanvi d patel	Pharmacognostrial and phytochemical and evaluation of some conditional maner grangea moderaspatona and olden lander corymbo	
78	9097	Ishan I. Panchal	DESIGN,SYNTHESIS AND BIOLOGICAL EVALUTION OF SOME SUBSTITUTED SULPHONYL UREA,THIOUREA AND GUANIDINE DERIVATIVES AS HYPOGLYCEMIC AGENTS	Dr. Sen Dhrubo Jyoti
79	9150	Rikinkumar Chandubhai Patel	Stability indicating method development and validation for some anti – department drugs and their dosage forms.	Dr. Rajesh K.S.
80	9168	Ms. Shweta Gupta	Design, Development and Evaluation of Nano-formulations for Site-specific targeting for poorly bioavailable drug.	
81	9051	Miss Jill B. shukla	Formulation and evaluation of solid selfmicroemulsifying drug delivery system.	Dr. G. K Jani
82	9177	Mrs. Vidya V. Thombare	Formulation and characterization of floating deliver system containing proton pumps inlibitors	Dr. (Mrs.) Multani Parmeshwari J.

83	9139	Patel Prachiben Manubhai	formulation development and evaluation of bioadherve drug delivery system coutaining selected phytopharmaceutin	Dr. Bhaskar V.H.
84	9052	Jitesh K. Jariwala	Study g the L herbal demge for antikrthritic activity barleria priorities 2.3 chleichera oleasa	Dr. Patel Krishnakumar Narsinhbahi
85	9033	Mr. Falgun Dhabaliya	Pharmacognostrial and phytochemical evaluation of Leavs Bombax Civa	
86	9100	Mr. Parag Anilkumar Rabara	“Design, Synthesis and Preliminary Evaluation of 2-Cyano pyrrolidine derivatives for their DPP-4 inhibiting activity”	Dr. Jivani Nurudin Pyaralibhai
87	9183	Vijaykumar Laxmanbhai Ghori	Formalation development and evaluation of self nanoemultion drug Delivery system of Selected drugs	
88	9162	Shailendra S. Bhatt	Evaluation of antihyperlipid activity of alfa lipeic acid in raious experimental animalmodd	Dr. Sunita Goswami

- Instruction
- 1) This is First list which contains the name of the students whose consent is given by the supervisor.
 - 2)list will be updated before 10th September,2011 based upon the consent given by the supervisor.
 - 3) Registration form will be updated on website in due course of time.
 - 4) Details regarding payment of fees etc. shall be notified soon.
 - 5) Academic term will start from 12th september,2011.
 - 6) Kindly refer GTU website to get yourself updated.
 - 7) No separate communication shall be made by university for registration and other process. Hence you are informed to visit GTU website for updated information and instruction.

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Actg. Registrar