



GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:-Chemical seminar hall, L. D. College of Engineering, Ahmedabad

Exam Date:- 10th July,2012

Enrollment No.	Student Name	Title Of Thesis
100280716013	Bhatt kuldeep bharatbhai	Reactive distillation of esterification of acetic acid with n-butanol & i-butanol catalysed by Ion exchange resin- Modeling and simulation
100280716012	Rathod jayesh dineshbhai	Scale up and treatability studies of CPTP
100280716014	Odedara shilaben mulubhai	COD reduction by adsorption in Dye industry
100280716015	Shah dhara jayeshbhai	Modeling and simulation of Multiple effect evaporators
100280716016	Rakholiya vinesh kumar vitthalbhai	Cleaner production in Pharamceutical industry
100280716017	Chauhan dipenkumar vinubhai	Study of emissivity coating of ceramic material for energy consevation
100170730001	Koshy williams joy	
100170730002	Rachanadevi sureshkumar	
100170730003	Chaudhari gopal hansaji	
100170730004	Dipali sankharia d	
100170730006	Thakker miral rajendrakumar	



GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:-Civil CASAD Hall, Applied Mechanics Dept., LDCE, Ahmebadad

Exam Date:- 10th July,2012

Enrollment No.	Student Name	Title Of Thesis
090280712011	Patle Gaurang	
090280712014	Rajgor Harshadkumar	
100430733001	Sarvaiya Soham B.	Design of Water Supply Distribution Using Loop Software
100430733002	gajjar kamleshkumar hasmukhbhai	comparative study of river flow forecasting by ANN and conventional method
100430733004	jignesh.A.shah	an Experimental and comparative study of various parameters on crops under drip irrigation,microsprinkler irrigation and border irrigation methods
100430733005	gujarati manish nitinbhai	forecasting reservoir water level and release decision by ANN - A case study of shetrunji reservoir
100430733007	ujeniya vinodray.durlabhji bhai	experimental study on flow characteristics of piano key weir
100430733009	patel jaydeepkumar jayantilal	monitoring and control water distribution network using scada system
100430733011	narayan.v.khara	Computer aidede Micro Canal Network planning of dhima minor in the command area of sardar sarovar (narmada) project



GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:-Vishveshwariya hall, Applied Mechanics Dept., LDCE, Ahmedabad

Exam Date:- 10th July,2012

Enrollment No.	Student Name	Title Of Thesis
100070720008	SHAH RONAK H	ANALYSIS OF THE STRUCTURE WITH AND WITHOUT STEEL PLATE SHEAR WALL AND VARIOUS TYPE AND LOCATION OF STEEL PLATE SHEAR WALL AND COST IMPLEMENTATION
100070720009	PATEL NIKUNJ R	FIBER REINFORCED SELF COMPACTING CONCRET
100070720010	PATEL DHARTI J	PARAMETRIC STUDY OF R.C., STEEL AND STEEL-CONCRETE COMPOSITE STRUCTURE
100070720011	SHAH NOOPUR A	EFFECT OF FRICTION TYPE BASE ISOLATION ON STRESS RESULTANTS
100070720012	SONI DEENANATH K	BEHAVIOUR OF SLOPE STABILITY WITH REINFORCEDSOIL BED UNDER DRAINED AND UNDRAINED CONDITION
100070720013	PATEL ANKIT D	EXPERIMENTAL STUDY ON BEARING CAPACITY of LAYERED DEPOSITE with A CLAY LAYER OVERLYING A SANDY SILTY SOIL
100070720015	JOSHI HARSHAL M	To study the Engineering property of reactive powder concrete with use of innovative supplementary cementitious materials
100070720016	PATEL KUNAL D	ANALYSIS OF REINFORCED LAYERED SOIL BED UNDER VARIOUS SHAPE & SIZE OF FOOTING
100070720017	SOLANKI NIKHIL H	Experimental and analytical study of FRP bars replacing steel bars



GUJARAT TECHNOLOGICAL UNIVERSITY

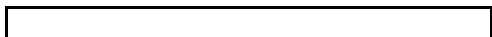
Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:Seminar Hall, Computer Eng., Dept., LDCE, Ahmedabad

Exam Date:- 10th July,2012

Enrollment No.	Student Name	Title Of Thesis
100070702013	RANA DHARA YOGESH	"RECOGNITION OF FRONTAL AND NON-FRONTAL FACES"
100070702015	MUDALIAR KALPANA ALAGIRI	"Location Management in cellular network"
100070702016	CHANDE HARESH DHANJI	Illumination Invariant Face Recognition System
100070702017	AHIR RAJESHKUMAR KAMLESHBHAI	" Performance comparison of different UDP variants using semi-live streaming media applications "
100070702018	NAINA KAPILDEV VIJAYBHAI	"Removal of Occlusion for Abstraction of Class-Room Videos"
100070702019	VIHARIKA CHAUDHARI	Security Attacks with effect of density in Mobile Adhoc Networks
100070702021	VARMA RAKESHKUMAR GUNVANTRAI	"Power Optimizing with Selective Routing in MANET"
100070702022	SHAH SUNILKUMAR SHUBHASHCHANDRA	"APPLYING RFD TO TSP AND DTSP"
100070702023	SHAH SIDDHARTH SHARAD	"Incremental Mining"
100070702024	HINGU SONIYABEN MUKESHKUMAR	"Image Mosaicing"
100070702025	JOSHI KINJALBEN AKSHAYKUMAR	"Event Detection in Video Surveillance"





GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:Room No. 211, Electric Dept., LDCE, Ahmedabad

Exam Date:- 10th July,2012

Enrollment No.	Student Name	Title Of Thesis
100400737004	Patel Rachana Jayendrabhai	Simulation Of Space Vector Current Control For Shunt Active Power Filter.
100400737005	Patel Maulikkumar Vinodbhai	Allocation Of transmission Loss By Considering The Circulating Current between Generators.
100400737006	Suneja Manishaben Ramanlal	Auto Syhchronous Bus Transfer Scheme For HT Distribution System.
100400737007	Patel Yogesh Prahladbhai	DG allocation For Loss Reduction In Distribution System.
100400737008	Jadav Jitendrakumar Amrutlal	Congestion Management By Contingency Analysis.
100400737010	Prajapati Nigamkumar Kantilal	Simulation, Implementation & Study Of AC-AC Converter With Improved Power Quality.
100400737011	Parmar Devang Bhupendrabhai	Desidn,Simulation & Analysis Of PMSG Based Wind Energy Converge System.
100400737013	Patel Fesmabahen Chandrakant	Simulation Of Phase Shifted SPWM Multi Level CHB Inverter Based STATCOM.
100400737014	Patel Jay Pitambarbhai	Simulation And Analysis Of Resonant Converter For Induction Furnace Heating.
100400737015	Patel Shreyas Nathalal	Simulation And Analysis Of Distributed Static Series Compensator.
100400737017	Patel Vipulkumar Gandabhai	Grid Connected Solar Charge Controller With MPPT.
100400737018	Patel Alvinabahen Dineshbhai	Simulation and analysis Of Isolated DC-DC Boast Converter.



GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:-Room No. 959, Electronics & Communication Dept., LDCE, Ahmedabad

Exam Date:- 10th July,2012

Enrollment No.	Student Name	Title Of Thesis
100170726013	Fatak Nandu Ashokbhai	Soft-error resilient processor architecture
100170726014	Dharti R.Domadiya	Study of Slew Rate Enhancement Architecture of Op-amps and OTAs in sub 100nm Tech.
100170726017	Kochra Sailesh Bharatbhai	Hill climbing algorithm based image segmentation
100230727001	DASTOOR SAROSH KEKI	Mobile Steganography, an application for the next generation devices for enhanced message security
100230727002	PATEL PIYUSHKUMAR A.	Performance analysis of STBC.

100230727003	GAJJAR POOJA C	Bandwidth Extension of speech signal
100230727004	BHAGAT DHIREN P	Multimedia Transmission of Wired Network Using IP Multicast
1.00231E+11	BHAGAT DIPESHKUMAR H	Implementation & Performance analysis of wideband AMR coder
100230727006	KORINGA RAKESH DHEERAJLAL	Design and analysis of DSSS-OFDM model using MATLAB
100230727007	JADAWALA DARSHIT JAYANTKUMAR	Power Control algorithm in Wireless Communication.



GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:-Room No. 976, Electronics & Communication Dept., LDCE, Ahmedabad

Exam Date:- 10th July,2012

Enrollment No.	Student Name	Title Of Thesis
100230727008	MAISURIA JEMISH V.	QOS Improvement in Wireless Link.
100230727010	PATEL MAULIKKUMAR PRAVINBHAI	scene detection in vedio using finite state machine
100230727011	PATEL KAMALKUMAR ASHOKBHAI	Performance of equivalence of MMSE Detector Between DS-CDMA & MC-CDMA Systems.
100230727012	PASTAGIYA DIVYANG J	Cryptography of WSN
100230727013	NARWEKAR RUSHALI RAMESH	Speech Enhancement using wavelet transform
100230727014	CHAUDHARI PRAGNESH N.	Spatial Multiplexing
100230727015	PATEL TARALKUMAR J.	Channel estimation in OFDM.
100230727017	DALWADI NIKITA B.	To study and modify end to end LDA for improvement of TCP
100230727018	SHAH UNNATI PRITESH	Implementation of ITU G.723.1 Speech coding Standard



GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:-Sheth Kashturbhai Hall, Textile Dept., LDCE, Ahmedabad

Exam Date:- 10th July,2012

Enrollment No.	Student Name	Title Of Thesis
100280705002	Suthar Isha K.	Edge Preserving Resolution Enhancement using DWT
100280705003	Patel Divyeshkumar S.	Design of channel selection Filter for WI-Fi receiver using Operational Transconductance Amplifier
100280705004	Parikh Kush B.	Investigation on Profile Corrugated Horn to yield Low Cross-Polarization over a Wide Bandwidth
100280705005	Pithadia Parul V.	Feature Preserving Image Super Resolution
100280705006	Thakor Dilipkumar I.	Design of Wideband LNA using 0.13um CMOS Technology
100280705008	Bathani Nitinkumar J.	Dual band patch antenna design
100280705010	Shah Kerolin K.	Implementation and analysis of digital modulation technique in MIMO OFDM
100280705013	Mandli Monali R	Analysis of quantization feedback technique in MIMO-WLAN
100280705018	Prajapati Mitul D.	Channel estimation of physical layer of DVB-H for Rayleigh
100280705019	Patel Avnish S.	3D Modeling and Rendering of 2D Medical Images



GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:-V. J. Jani Hall, Mechanical Engg. Dept., LDCE, Ahmedabad

Exam Date:- 10th July,2012

Enrollment No.	Student Name	Title Of Thesis
100410708015	PANDYA MRUNAL VIRENDRABHAI	Structure analysis for composite material
100440708004	Kad nikunj L	ANALYSIS AND OPTIMIZATION OF OVERALL EQUIPMENT EFFECTIVENESS IN THE PRODUCTION SHOP USING LEAN MANUFACTURING:CASE STUDY
100440708005	Shah Ishan B	IMPROVEMENT OF TOOL LIFE OF CNC MILLING MACHINE BY DESIGN OF EXPERIMENTS IN MINITAB SOFTWARE.
100440708006	Patel Hardik D	DEVELOPMENT OF 3D CAD MODEL AND FE ANALYSIS OF LOCAL SHIELDING FOR 14 MeV NEUTRON GENERATOR
100440708008	Pathak Ankita B	IMPLEMENTATION OF PRODUCTIVITY IMPROVEMENT STRATEGIES OF MACHINE SHOP BY USING JIT
100440708009	Acharya Shailee G	DESIGN IMPROVEMENT IN UNDERCUT EJECTION MECHANISM OF PLASTIC INJECTION MOLD THROUGH ANALYTICAL & FE ANALYSIS
090440708011	Gohil Amitkumar C.	AN ENHANCED DIAGNOSTIC SYSTEM FOR BEARING CONDITION MONITORING
100450708002	VANKHEDA DARSHANA U	An investigation of effect of crack on dynamic behaviour of cantilever beam
100450708003	BRAMHAKSHATRIYA GIRISH MOHANLAL	influence of different parameter & Drawbead on sheet metal forming process
100450708004	PATEL NAYAN R	Design and analysis of Hydraulic Modular Trailer Frame
100450708005	SHAH JAYDEEP R	Springback analysis of sheet metal & sheet metal laminates in U-die bending process
100450708006	PATEL ARJUN KUMAR M	Facility lau out by using computer related allocation technique (CRAFT)