



GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering 4th Sem. Dissertation Phase-2

All the interested faculty and students are invited to remain present during dissertation viva exam at the following venues.

Subject Code:- 740002

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

Exam Date:- 09th July,2012

Enrollment No.	Student Name	Title Of Thesis
100520724001	Neha bhardwaj	Electrically Conducting Graphene/ABS Composites
100520724002	Drupatsinh gadhavi	Evaluation of Polyamide 6 (PA 6) Bagasses based Green Composites for Engineering Applications
100520724003	D.m..makwana	Greencore TPS/ Polypropylene Biocomposites
100520724004	Nidhi thaker	Synthesis and Characterization of Coconut Filler ReinforcedThermoset Composites
100520724005	Swarna	Anchoring Conductive Polyaniline into Nylon Fibers by Diffusion based and insitu Polymerization of Aniline Method: Conductive and Thermal Characteristics
100520724006	Hetal shah	Synthesis and Characterization of Woven Banana Fiber based Thermoset Composites



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

Exam Date:- 09th July,2012

Enrollment No.	Student Name	Title Of Thesis
100280716001	Charola samirkumar kanjibhai	Cleaner Production in Dye and Dye Intermediate Industry
100280716002	Patel kinjal rasikbhai	Cleaner Production in process of p-amino azo benzene 4 sulfonic acid
100280716003	Trivedi bhoomi sudhirbhai	Scale up of API (Therapeutic area:Cardiac)
100280716004	Shah vrutti j	Polymers in Drug delivery system
100280716005	Gandhi akila mahammadhasim	Kinetic parameter Estimation using genetic algorithm
100280716006	Bhatt rajul pradyumn	Effect of addition of LiBr on acetic acid water separation
100280716007	Vaghela vaishali r	Modification of Nylon 6,6
100280716008	Joshi jaydeep vinodbhai	Thermoelectric system to generate electricity from waste heat of flue gas
100280716009	Doshi romaben manandkumar	Recovery of p-cresol from process water using steam stripping
100280716010	Patel bhumika bhanubhai	Modeling and Simulation of pressure swing adsorption
100280716011	Dhamecha kavita kailashbhai	Modification of Butyl rubber



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Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:-LARCET Hall, Environment Dept., LDCE, Ahmedabad

Exam Date:- 09th July,2012

Enrollment No.	Student Name	Title Of Thesis
100070717002	Parekh hemalben bhaskarkumar	
100070717003	Dave urvij bhaskarbhai	
100280718001	MUDIYA BHAVIN NAVINCHANDRA	
100280718002	VORA PRIYAM KAMALKUMAR	
100280718003	DOSHI MITUL MANOJKUMAR	
100280718004	DAVE VISHAL GAURAVBHAI	
100280718005	CHAUDHARI MONALI NASVANBHAI	
100280718006	VATTAMPARAMBIL SNEHA R	



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Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:-S. Ramanujan Hall, Student section building LDCE Ahmedabad

Exam Date:- 09th July,2012

Enrollment No.	Student Name	Title Of Thesis
100280713002	Gandhi Satyam S	Planning of Multi Level Parking in Urban Road
100280713003	Vora Akshay V	Noise Pollution Created by Transportation..Assessment & its Remedial Measures..A Case Study of Ahmedabad
100280713005	Thaker Nikunj V	Planning of Traffic Management System - A case study
100280713014	Mulani Samir P.	Geometric redesign of parking at International Airport of Ahmedabad
100280713017	Patel Hiren B.	Stone Matrix Ashphalt using Fibers in Indian Roads
100370713006	PATEL ANKUR HARESHKUMAR	
100370713010	JUREMALANI JAYESH RAMESHBHAI	
100370713011	PATEL SAMIR JAYPRAKASH	
100160713001	Patel Jigar J.	Economic appraisal of subbase & base in flexible pavement using geosynthetic material on poor subgrade soil
100160713002	Thakar Hinal B.	Routing of public transport on rural road network of Modasa taluka



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:- 09th July,2012

Enrollment No.	Student Name	Title Of Thesis
100230712002	Patel Nisarg Vallabhbai	Design and Analysis of Water Distrbution System for Utran-Kosad, Surat
100230712004	Gamit Jigar Hashmukhlal	A comarative Study of Sharp Crested weirs of Parabolic & Elliptical Shapes and other shapes
100230712005	Patel Darshna B.	Computerised Model of Crop Evapotransportation in semi Humid Region of Gujarat.
100230712007	Desai Manisha D.	Modernization of Kakrapar Left-Bank main Canal
100230712009	Shah Kalpanaben A.	Performance Evalution of Water supply Services and Storm Water Drainage: A case study of Four Cities of Gujarat.
100280712003	Mehta Jitendra V.	Pipe network planning and reliability analysis of water distribution system.
100280712006	Joshi Prakash M.	Urban flood mapping by geospatial Technic - A case study of Surat city.
090280712020	Vora Krunaliben Lalitkumar	Application of remote sensing and GIS for watershed landuse development
100280712013	Shah Hiral M.	Reservoir sedimentation Assesment
100280712019	Suthar kandarp P.	Reducing effect of flood through protection work on shedhi river at khumanunda village of Kheda district.



GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

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

Exam Date:- 09th July,2012

Enrollment No.	Student Name	Title Of Thesis
100370720004	Jignesh Patel	To Evaluate The Performance Of Alccofine and Fly Ash in High Performance Concrete
100070720001	BHALODI ANKITKUMAR M.	ANALYSIS OF SINGLE PILE, PILED RAFT AND FLANGED PILE FOUNDATION UNDER MULTILAYERED SOIL BED
100070720002	PATEL SANKET ARUNBHAI	EXPERIMENTAL STUDY ON INFLUENCE OF PERCENTAGE OF FINES ON LIQUEFACTION POTENTIAL
100070720003	GAUTAMI NILESH M	VARIOUS STRUCTURAL SYSTEMS OF HIGH-RISE STEEL BUILDING IN
100070720004	PATEL JALPA RATILAL	PUSHOVER ANALYSIS OF EXISTING R.C.C. BUILDINGS
100070720005	PATEL ATIT PANKAJKUMAR	RETROFITTING OF BEAM USING DIFFERENT MATERIAL IN SELF COMPACTING CONCRETE
100070720006	GAMI SAMIR M	an experimental study on impact strength and durability under chloride attack OF TERNARY BLENDED
100070720007	UPADHYAY NISHITH R	Effect of Service Bridge on natural frequency of structurally coupled building



GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

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

Exam Date:- 09th July,2012

Enrollment No.	Student Name	Title Of Thesis
100070702001	SHAH DEEPTI	"ANT BASED ROUTING PROTOCOL FOR MANET"
100070702002	TANK PARESHKUMAR MOHANLAL	"Human Detection And Tracking In Real Time Video"
100070702003	Shah Vatsalkumar H.	"Load Balancing by Process Migration in Distributed Operating System"
100070702004	Maheshwari Santoshkumar N.	"Energy Efficient Resource Allocation In Cloud Computing using Ant Colony Optimaization"
100070702005	BHAVSAR CHINTANKUMAR KIRITKUMA	"RSS Based Stability Enhanced Routing Protocol for MANET"
100070702006	PATEL MAYUR HARILAL	"Energy Efficient Target Tracking in Wireless Sensor Network"
100070702007	GAJJAR TRUSHA Y.	" Image Mining "
100070702008	CHARUSMITA DHIMAN	"Performance evaluation of routing protocols in dense Vehicular Adhoc network."
100070702009	RANK MAYUR N.	"Image Inpainting"
100070702010	DESAI MADHAVIBEN BHARATBHAI	"Image Steganalysis"
100070702011	MEHTA MALA HASMUKHBHAI	"Solving NP-Hard Problems Using Soft Computing"
100070702012	KEVADIA KAUSHAL TULSIBHAI	"METAMORPHIC MALWARE DETECTION USING STATISTICAL ANALYSIS"



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Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

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

Exam Date:- 09th July,2012

Enrollment No.	Student Name	Title Of Thesis
100170726002	Kalpesh C. Chheladiya	Fault detection and Reconfigurable Solar PV Array
100170726003	Lathiya Punit A.	Digital Matched Filter ASIC for Radar Signal Processing
100170726004	Pankahniya Shyamkumar Amrutlal	Study and implementation of High speed current steering Digital to analog converter
100170726005	Patel Dipalben Kanubhai	Study and Analysis of Various Sense Amplifier Topologies in sub100nm Planar MOSFET Technology
100170726006	Nayi Nileshkumar Govindbhai	Study and analysis of video matting for natural video
100170726007	Chavda Drashtiben Bansilal	Comparative Analysis of Ultra Low Power Ultra Low Voltage CMOS Miller OTAs
100170726009	Jolia Jagdish Shamjibhai	Offset reduction in dynamic CMOS latched comparator
100170726010	Rajdip Ankitkumar Manojabhai	MIMO radar velocity resolution
100170726011	Patel Kirankumar Ganeshbhai	Nonlinear FM waveform synthesis implementation and performance analysis
100170726012	Chavada Pareshkumar N.	Study and implementation of FPGA based MPPT controller for PV module



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:- 09th July,2012

Enrollment No.	Student Name	Title Of Thesis
100400708001	PATEL CHETAN RAMESHBHAI	An experimental Investigation of Tensile Shear Strength of Resistance Spot Welding for austenitic stainless steel
100400708002	RABARI KIRANKUMAR KANJIBHAI	Evaluation of Estimates of Roll Separating Force in Bar Rolling
100400708003	PATEL PRAGNESHKUMAR RAMABHAI	Experimental Investigation of Effect of PCD tools insert & Cutting parameteres and various parameters on surface roughness & Tool wear in CNC turning composite material.
100400708004	PATEL BHARGAVKUMAR BHARATBHAI	Application of Response Surface Methodology to Optimize various parameter of EDM.
100400708005	DAVE KAMALESH VINODCHANDRA	Influence of electrode geometry & process parameter on Surface quality in EDM of AISI H13
100400708007	PATEL PURUSHARTH JAYSUKHBHAI	Modal Analysis of Zthree Stage Helical Speed Reducer.
100400708013	KAMDAR NIRAV MANABHAI	Hot Machining of AISI 316 SS by using Tungsten Carbide Cutting Tool
100400708014	CHAUDHARI YOGENDRAKUMAR DALSANG	FEA Analysis of tool wear in dry turning
100400708017	PATEL VINODKUMAR BABULAL	Parametric Analysis of Abrasive Water Jet Machine of Mg Material
100400708019	PRAJAPATI HITESH BALDEVBHAI	Experimental Investigation of performance of different electrodes material on EDM using ANOVA Analysis
100280708001	RANA PARTHIV B	Design and analysis of lathe spindle considering forces generated during different lathe operation
100280708002	PATEL ASHISH A	Optimization of process parameters in turning of SS material by Taghuchi Method



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Master of Engineering 4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:-CAD/CAM Seminar Room, Mechanical Dept., LDCE, Ahmedabad

Exam Date:- 09th July,2012

Enrollment No.	Student Name	Title Of Thesis
100280708003	SHUKLA RAJKAMAL S	Vibration analysis of self aligning bearing for a local defect
100280708005	SHAH SAMEER R	Design and development of a system for R.P using conventional materials
100280708006	PATEL DIPAM S	Development of methodology for identification of plate structure through dynamic characterization
100280708007	GAJERA HIREN M	Machining characterization of EN19 steel during CNC turning
100280708008	JANIYANI SUNIL G	Roll pass design for section rolling of flat-footed rail section
100280708009	SHETH ANANT J	Tuned vibration absorber for the control of system vibration
100280708010	PATEL DINESHKUMAR M	Development of slicing package of solid model of irregular shape in rapid prototyping
100280708012	NAGRANI SEEMA R	Fault modeling and validation for industrial machines through signature analysis
100280708013	BARIYA INDRAJITSINH K	An investigation of wire wear in ultrasonic vibration assisted wire cut electro discharge machine
100280708015	PRAJAPATI HIREN M	Design and analysis of reciprocating air compressor to reduce vibration



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Subject Code:- 740002

Venue:-CAD Lab, Mechanical Engg., Dept., LDCE, Ahmedabad

Exam Date:- 09th July,2012

Enrollment No.	Student Name	Title Of Thesis
100280708016	PATEL DIPESH B	Concept design and development of automotive bumper beam using hybrid kenaf/glass epoxy composite material
100280708017	RAVAL NILESH T	Design and analysis of air bearing using feed hole and pocket
090280708012	Surani Piyushkumar S	
100410708002	SINGH RACHIT SURAJPRASAD	Optimization of wind turbine blade using CFD analysis
100410708003	MOTIYANI MANOJKUMAR DAYARAM	Air flow analysis of turbine ventilator
100410708004	MODI ARPIT HARIVADAN	Parametric study and modeling of resistance spot welding using ANN
100410708006	PATEL PRATIKBHAI DILIPBHAI	Steady State thermal analysis of gear box casing and its reduction of thermal stress
100410708007	KANDOI DHRUVIL MANOJ	Design of Hydraulic Cylinder with FEM validation for Truck Cab tilting system
100410708008	WADIYA TEJAS JAGDISHBHAI	Modeling and analysis of submercible pump using CFD
100410708009	SOLANKI AJAYKUMAR MANANDBHAI	Parametric study and simulation of resistance spot welding
100410708011	THAKKAR JIGNESHKUMAR SURESHBHAI	Parametric study for minimization of kerf in plasma arc cutting
100410708012	PRAJAPATI HARINKUMAR NANUBHAI	Development of Collision free path of a spot welding Robot for welding a car panel