GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

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

Exam Date: - 21st August, 2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title Of Thesis
100180715009	FAREDIWALA MO USAMA A	Study on relationship between workability and compressive strength of self compacting concrete.
100180715002	PATHAN MOHAMMEDJAMIL	Study of relation between temprature and strength of normal and high strength concrete.
100180715011	SHAH TANHA BHADRESHKUMAR	Analysis of multistorey building considering hybrid structure.
100180715006	HADIYAL NIKUNJ KALYANJI	Durability study on fly ash based geopolymer concrete.
100180715013	PRAJAPATI JAGADISHBHAI NAGARBHAI	Tensile test on the multi-fastener single-lap joint with missing bolt.
100280732003	Bhunga Muradbhai M	Design AID for strengthening of beam & slam using FRP laminates
100280732004	Gandhi Bhruguli H.	Performance Based Seismic Design of RC Bridge

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

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

Exam Date:- 21st August,2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100280732006	Patel Samir K.	Seismic Analysis of Earthen Dam
100280732001	Likhar Rameshwar K	Comparative study of response of structure with isolation and conventionam load resissting system
100280732005	Keyur D Shah	Performance of concrete using matallized polymer plastic waste
100280732007	Bhavik S Parsiya	Analysis laterally loaded pile group by plaxis 3D
100280732009	Sodagar Vrajesh D	Parametric study of composite profiled deck
100280732016	Jabar Ayazussain M.	Seismic Evaluation of Elevated water tank with alternate staging configurations
100280732019	Parmar Reshma H.	Design AID for strengthening of column using FRP laminates

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:- Vishwakarma Hall, Civil Engg. Dept., LDCE, Ahmedabad

Exam Date:- 20th August, 2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100280712011	Shah Kirankumar R	Optimization of the Irrigation water efficiecy
090310712003	Popat Manishkumar R	Optimum irrigation scheduling for urben irrigation scheme
100280712015	Trivedi Jignasa Kunjal	Ground water condition and quality improved by artificial recharge technique in meghraj taluka, District: Sabarkantha,Gujarat
100280712005	Patel Jigarkumar Mahendrabhai	Socio Economical analysis for utilisation of surplus narmada water in saurashtra region by canal networking with using of GIS
100280712023	Patel Sagar Dineshbhai	Use of rubber dam in tapiriver front development at surat city
100280712001	Tomar Madhu Mangeyram	Performance evaluation and efficiency studies for water treatment plants- A case study of koratpur water works at ahmedabad, gujarat
100280712024	Murnalini H. Rana	Assessment of water supply scheme to provide 24*7 water case study:- Science city area, ahmedabad
100280712010	Raol Jitendrasinh Dasharathsinh	Managing irrigation canal system with optimum irrigation scheduling for MESHWO Irrigation Scheme

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:- Vishwakarma Hall,Civil Engg Dept., LDCE,Ahmedabad

Exam Date:-21st August ,2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100230712001	Prashant A. Ramani	Analysis of precipitation and stream flow data for south gujarat catchments-A case study of KIM basin
100230712010	Dina Lad	Optimum cropping pattern for damanganga reservoir by using linear programming
100430733006	Langaliya Dipa Jayeshbhai	Hyrological Design ofstom water drain in urban area of bhavnagar city
100430733012	Mayani Kaushikkumar Rameshbhai	Reservoir operation modelling for irrigation purpose using fuzzy logic
100430733015	Desai Chirag Natvarlal	Optization and upgradation of exsting water supply network by using EPANET

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:- Sheth Kasturbhai Hall, Textile Engg. Dept., LDCE, Ahmedabad

Exam Date:-20th August ,2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100280713011	Thanki Dipti S.	Urban Road Network Simulation Using VISSIM: A Case Study of Navrangpura Area
100280713008	Patel Hitesh A	Planning of facilities for pedestrian movement in urban area
100280713006	Parmar Dushyant J.	Analysis of Side Friction Impact on Ahmedabad City Road Link
100160713006	Patel Purvin A.	Comparative evaluation of empirical and mechanistic methodology for airfield pavement design
100160713014	Golwala Saad M.	Methodology for deciding alignment of metro rail for metrocity
100160713011	Suthar Bhavna K.	Study of road traffic noise a case study of Ahmedabad city
100070719001	SHAH AXAY SANAT	Traffic Flow Charactaristics on Roads of Small Urban Centres: A Case Study of Nadiad City
100070719002	CHUDASAMA JAYDIPSINH PRADYUMANSINH	Parking Demand Evaluation:A Case Study for Amul Dairy Road, Anand City
100280713007	Shrimali Himanshu Bipunchandra	Identification of truck transportation issues at a junction & suggestive measures:-A case study of sarkhej area
100280713016	Patel Chintan Rameshchandra	Assessment of vehicular carbon footprint and its reduction measures in urban area

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:- Room No 613, Mechanical Engg Dept., LDCE, Ahmedabad

Exam Date:- 21st August, 2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100180708005	PATEL HARIKETAN BIPINKUMAR	Performance Characterization of Drilling parameters for Sandwich Comosite material
100180708004	PATEL KHUSHBU TRIBHOVANBHAI	Predication and Validation of dynamic characterization of end milling operation under varying feed condition using FEA
100180708009	PARMAR JIGNESH GIRISHBHAI	Prediction of surface roughness for end milling process using artificial neural network
100180708003	PATEL HARSHADKUMAR DINESHBHAI	Investigation of cooling curve for Aluminium-flyash composite.
100180708011	VASAVA NARANBHAI BHAILALBHAI	Design Modification and experimental investigation of Mono Composite lear spring of light passenger vehicle
100180708006	PATEL AMITKUMAR MANUBHAI	Optimization of design parameters for energy conservation of coldstorage using taguchi method
100180708012	PATEL VIJAYKUMAR VITTHALBHAI	Structural analysis of ladder chassis frame and design modification for weight reduction
100180708002	PATEL HITESHKUMAR KANTILAL	Optimization of design parameters of wax tank to improve wax quality for wax injection molding machine
100410708005	GOYANI SHAILESHKUMAR GOVINDBHAI	Experimentation and modeling to predict defect size and location for polypropylene using ultrasonic technique

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:- Room No 612A, Mechanical Engg Dept., LDCE, Ahmedabad

Exam Date:-21st August ,2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100410708010	VANZARA DILIPKUMAR RAMJIBHAI	Weight Optimization of the Lifting Beam for EOT Crane finite element analysis
100440708012	Sutariya Manoj T	Analyze the effect of cutting parameters on surface roughness of alloy 6061 tools in drilling operation using DOE
090440708012	Thakar Ishan Bharatbhai	design criteria and analysis of critical components of CNC engraving machine
100280708014	Barot Ronak K.	Uncertainity analysis of complex surface using touch probe coordinate measuring machine
100440708011	Jakhaniya Ashvin G	AN ENHANCED DIAGNOSTIC SYSTEM FOR BEARING CONDITION MONITORING
100440708010	Vala Tushar	Optimization on plasma torch and it's corresponding design with analysis of plasma torch
100400708009	PATEL AMITKUMAR SURESHBHAI	Design and Development of Concrete Planetary Mixer.
090440708009	Padaliya Sandip B	Design and development of belt conveyor system for centerless grinding machine
100400708018	PATEL ANKITKUMAR RAMESHBHAI	Experimental Investigation of Weld characteristics for a single pass TIG Welding by using taguchi method for ss304

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:- Room No 612B, Mechanical Engg Dept., LDCE, Ahmedabad

Exam Date:- 20th August, 2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100070709001	JANI SHIVANG SHIRISH	Analysis and optimaization of gear tooth profile
100070709002	BHAVSAR ABHISHEK P	Modeling and analysis of vibrating grizzly feeder
100070709003	DESAI SAUMIL HIRENBHAI	Design of centrifugal casting machine for manufacturing of turbine bearing
100070709004	PATEL ANKURBHAI PRAVINBHAI	Solid modeling and analysis of bucket of bucket wheel stacker reclaimer
100070709005	DUBEY AAKASH ASHOKKUMAR	Development of CNG run diesel engine without modification in the engine
100070709011	PATEL NIKETKUMAR M.	Solid modelling and analysis of spike type bucket wheel used in stacker reclaimer
100070709015	SURATI KEYUR KANTIBHAI	Modeling and simulation of spike type bucket wheel drive (SBWD) Shaft
100380709014	LAKHANI JIGNESH DHIRAJLAL	Design and fabrication of Industrial Manipulator
100380709013	GOSVAMI NAYANGIRI D	Modification and analysis of automotive transmission system

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:- Room No 612B, Mechanical Engg Dept., LDCE, Ahmedabad

Exam Date:- 21st August, 2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100370721015	KANANI TIVEN J	Fabrication and performance analysis of single basin solar still with wind turbine and incline solar still
100370721016	KAYASTHA KRUNAL S	Heat transfer in automobile radiators of the tubular type heat exchanger
100300721002	Divyesh. M. Patel	Investgation of heat transfer analysis in line concentrating parabolic through solar receiver
100300721013	Umang. R. Patel	An application of twisted tape in tubular heat exchanger to enhance the heat transfer
100300721015	Vijay C Patel	Design optimization of wiped film evaporator by using CAE tools for herbal product.
100380734007	THUMMAR ASHOK MAGANBHAI	Experimental and investigation of open well centrifugal pump
100380734008	RANPARA SAVAN BHARATBHAI	Thermal analysis of gasket plate heat exchanger
100380734010	PIPALIYA VIJAYKUMAR FULABHAI	Experimental investigation of overall efficiency of two stage reciprocating air compressor by way of intercooling

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2 Marksheet

Subject Code:- 740002

Venue:- Room No 613, Mechanical Engg Dept. ,LDCE, Ahmedabad

Exam Date:- 20th August, 2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100300728009	Patel Akul M.	Effect of grain refinement and modification on dry sliding wear behaviour of Eutectic AI-Si alloy using gravity die-casting
100300728016	Dokal Chirag D.	Productivity improvement in fabrication industries with change in grove geometry
100300728014	Patel Girishkumar M.	Parametric analysis of co2 laser cutting on ss-316

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

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

Exam Date:- 20th August ,2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100110706016	Bhavsar Twinkle K.	MIMO with different equalization techniques for multipath fading channel
100110706018	Rathod Ghanshyam B.	A performance analysis of the OFDM modulation technique with MIMO for wireless communication.
100280705028	Shaikh Sahejad S.	Automatic color image segmentation using fuzzy logic
100280705023	Dhandhukia Nandlal C.	Performance Analysis of UMTS under influence of jamming
100410704008	Mitta Shashank S.	Hardware based Implementation of data hiding: stagnography
090280705002	Asal Jignesh Shamjibhai	Simulation and analysis of S-MAC protocol using NS-2

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:- Room No-214A, Electrical Engg. Dept., LDCE, Ahmedabad

Exam Date:- 20th Auguat,2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100430707016	Jadeja Hiteshkumar Kiritsinh	Using statcom regulating desired power flow for wind farm intergration
090430707003	Dhavalkumar Kantilal Patel	Minimization of current distortion in sensorless BLDC motor using hard and soft chopping phenomena
090430707013	Parmar Jignaben Parshottambhai	Simulation of series active filter
100310729013	TETAR GUNJAN JITENDRAKUMAR	Design and implementation of SMPS using Push-Pull topology
100310729012	Mangroliya Divyeshkumar Gordhanbhai	Simmulation and implemention of three phase inverter in 150 Conduction mode
100310729009	Vora Anish Hasmukhray	Optimization of hybrid energy system for off grid rural electrfication
100310729017	Barot Kaushalchandra Natwarlal	Three phase shunt active power filter for harmonic mitigation and power quality improvement
100400737003	Patel Ashishkumar Navinchandra	Economic load dispatch using particle swarm optimization
100310729004	Vinod J. Rupapara	Permanent Magnet Syschronous Motor Drive
100310729005	Kachhadiya Sanatkumar P.	Design nad implementation of cascaded H- Bridge Inventer

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:- Computer Lab, I & C Engg. Dept., LDCE, Ahmedabad

Exam Date:- 20th August, 2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100280703010	Patel Aarti J.	Digital filter design to remove noise from low level signal
100280703005	Gohil Mahavirsinh	Modeling for embedded smart sensors for NIR spectroscopic analysis for milk
100280703004	Devpura Ketki	EDDL Implemantation of smart sensor in milk protein and fat analysis
100280703018	Kachhava Khushboo H.	Issues in smart sensor design, characterisation and implementation for fat alalysis
090280703014	Sumakiya Mehulkumar K.	RISC Processor with implementation of washing machine algorithm on FPGA using verilog HDL

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:- Computer Lab First Flour, Computer Engg Dept., LEDE, Ahemedabad

Exam Date:- 20th August, 2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
100280723009	PATEL GIRA SHANTILAL	Authorization based security improvement in GRID enviornment using facial biometric
100260701003	Maheta Kunjan Pravinkumar	EWS4ZEDA:Early warning system for zero day attack
100260701008	Chauhan Prashant Ramanlal	Mitigation of Ddos attack using honeypot in cloud environment

GUJARAT TECHNOLOGICAL UNIVERSITY

Master of Engineering

4th Sem. Dissertation Phase-2

Subject Code:- 740002

Venue:- Environment Engg Dept., LEDE, Ahemedabad

Exam Date:- 21st August, 2012

Exam Time: - 10:00 a.m onwards

Enrollment No.	Student Name	Title of Thesis
090280718005	Zankhana S Dave	Total waste management in rural sector of India- proposed waste management plan for village tintoda-Dist, Gandhinagar-Gujarat