

UNIVERSITY OF KERALA		
Time Table for Second Semester M.Tech (FT & PT) (Regular – 2013 Scheme) Degree Examination November 2014		
Day & Date : Friday 28.11.2014 Time : 9.30 am to 12.30 pm		
Branch: <u>Civil Engineering</u>		
Code	Subjects	Specialization
CCC 2001	Research Methodology	Structural Engineering
CCC 2000	Research Methodology	Common for Environmental Geoinformatics, Hydraulics, Geotechnical, Traffic & Transportation
CMC 2003	Research Methodology	SECM
Branch: <u>Mechanical Engineering</u>		
MCC 2000	Research Methodology	Industrial Engineering, Propulsion, Machine Design, Thermal Science, CIM
MRC 2000	”	IRCE
Branch: <u>Electrical & Electronics Engineering</u>		
ECC 2000	Research Methodology	GNC, CS, PS, EM, PS & C, PC & D, IIC
Branch: <u>Electronics & Communication Engineering</u>		
TCC 2000	Research Methodology	Common for AEI, SP, MTV, TE, ES, CS
Branch: <u>Computer Science & Engineering</u>		
RCC 2000	Research Methodology	Common for CS/IS
Branch: <u>Information Technology</u>		
ICC 2000	Research Methodology	Network Engineering
Branch: <u>Bio-Technology & Bio Chemical Engineering</u>		
BCC 2003	Research Methodology	Molecular Medicine
Branch: <u>M.Planning / M.Arch</u>		
ACC 2000	Research Methodology	Housing/Urban Design

Day & Date : Monday 01.12.2014		
Time : 9.30 am to 12.30 pm		
Branch: <u>Civil Engineering</u>		
CSC 2001	Theory & Design of Plates & Shells	Structural Engineering
CHC 2001	Hydraulic Structures	Hydraulic Engineering
CEC 2001	Environmental Bio Chemistry and Eco-Toxicology	Environmental Engineering
CRC 2001	Digital Image Processing	Geo-informatics
CTC 2001	Traffic Engineering II	Traffic & Transportation Engineering
CGC 2001	Soil Dynamics & Machine Foundations	Geotechnical Engineering
CMC 2001	Construction Project Implementation & Review	Structural Engineering & Construction Management (SECM)
Branch: <u>Mechanical Engineering</u>		
MIC 2001	Six Sigma and Quality Engineering	Industrial Engineering
MPC 2001	Air Breathing Propulsion	Propulsion
MDC 2001	Fracture Mechanics	Machine Design
MTC 2001	Convection & Two Phase Flow	Thermal Science
MCC 2001	Computer Integrated Manufacturing Systems	CIM
MRC 2001	Refrigeration Machinery & Components	IRCE
Branch: <u>Electrical & Electronics Engineering</u>		
ECC 2001	Optimal Control Theory	GNC, CS
EPC 2001	Digital Protection of Power System	Power System
EPC 2001	Digital Protection of Power System (SE – II)	PSC
EME 2002	PWM Converters & applications (SE – II)	Electrical Machines
EDC 2001	Design Principles in Power Converters	Power Control & Drives
EIC 2001	Digital Control Theory	Industrial Instrumentation & Control
Branch: <u>Electronics & Communication Engineering</u>		
TAC 2001	Design of Embedded Systems	AEI
TSC 2001	Estimation and Detection Theory	TE, MTV, Communication Systems, SP
TEC 2001	Design of Embedded Systems	ES

Branch: <u>Computer Science & Engineering</u>		
RCC 2001	Operating System Design	CSE
RIC 2001	Formal Methods in Secure Computing	Information Security
Branch: <u>Information Technology</u>		
INC 2001	Applied Cryptography	Network Engineering
Branch: <u>Bio-Technology & Bio Chemical Engineering</u>		
BMC 2001	Bioprocess Plant Design	Molecular Medicine
<u>Branch : M.Planning</u>		
APC 2001	Housing Policies, Programmes and Legislation	Housing
<u>Branch: M.Arch</u>		
AUC 2001	Planning Legislation and Development Management	Urban Design

Day & Date : Wednesday 03.12.2014 Time : 9.30 am to 12.30 pm		
Branch: <u>Civil Engineering</u>		
CSC 2002	Analysis & Design of Earth Quake Resistant Structures	Structural Engineering
CHC 2002	Ground Water Systems	Hydraulics Engineering
CEC 2002	Solid & Hazardous Waste Management	Environmental Engineering
CRC 2002	Advanced GIS	Geoinformatics Engineering
CTC 2002	Pavement Evaluation & Management	Traffic & Transportation Engineering
CGC 2002	Special Foundations & Design of Foundations	Geo-Technical Engineering
CSC 2002	Analysis & Design of Earthquake Resistant Structures	SECM
Branch: <u>Mechanical Engineering</u>		
MIC 2002	Supply Chain & Logistics Management	Industrial Engineering
MPC 2002	Rocket Propulsion	Propulsion
MDC 2002	Design of Power Transmission Elements	Machine Design
MTC 2002	Measurements in Thermal Science	Thermal Science
MCC 2002	Computer Aided Inspection	CIM
MRC 2002	Design of Cryogenic Equipments & Systems	IRCE
Branch: <u>Electrical & Electronics Engineering</u>		
ECC 2002	Non Linear Control Systems	CS
ECC 2002	Non Linear Control Systems Stream Elective – II	GNC
EPC 2002	Power System Dynamics & Control	PS & PSC
EMC 2002	Special Electrical Machines	Electrical Machines
EDE 2007	Optimization Techniques for Power Control Stream Elective – II	Power Control and Drives (PCD)
EDE 2006	Microcontroller Applications in Power Electronics - Stream Elective – II	
EIC 2002	Industrial Automation	IIC
Branch: <u>Electronics & Communication Engineering</u>		
TAC 2002	Micro Electro Mechanical Systems	AEI
TSE 2001	Speech Signal Processing - Stream Elective – I	SP
TSE 2002	Optical Signal Processing - Stream Elective – I	
TMC 2002	RF Circuit Design	MTV
TTC 2001	Antenna Theory Analysis & Design	TE
TEC 2002	Real Time Operating Systems	ES
TCC 2001	Wireless Communication	Communication Systems

Branch: <u>Computer Science & Engineering</u>		
RCC 2002	Advanced Computer Networks	CSE
RIE 2001	Database Security - Stream Elective – I	Information Security
Branch: <u>Information Technology</u>		
INC 2002	Modern Computing Paradigms	Network Engineering
Branch: <u>Bio-Technology & Bio Chemical Engineering</u>		
BMC 2002	Concepts and Perspectives of Molecular Medicine	Molecular Medicine
Branch: <u>M.Planning</u>		
APE 2001	Housing Project Formulation and Implementation - Stream Elective – I	Housing
APE 2004	Climatology & Habitat Planning – Stream Elective – I	
Branch: <u>M.Arch</u>		
AUE 2002	Contemporary Design Theories and Criticism - Stream Elective – I	Urban Design

Day & Date : Friday 05.12.2014
Time : 9.30 am to 12.30 pm

Branch: Civil Engineering

Stream Elective – I

CSE 2002	Forensic Engg.	Structural Engineering
CSE 2003	Structural Optimisation	
CHE 2002	River Engineering	Hydraulics Engineering
CEE 2001	Industrial Wastewater Management	Environmental Engineering
CRE 2003	Hydroinformatics	Geoinformatics
CTE 2003	Intelligent Transportation System	Traffic & Transportation Engineering
CGE 2001	Finite Element Analysis in Geo-technical Engineering	Geo-Technical Engineering
CSE 2001	Advanced Prestressed concrete design	Common for Structural Engineering & Construction Management & Structural Engineering

Branch: Mechanical Engineering

Stream Elective – I

MIE 2004	Financial Engineering	Industrial Engineering
MPE 2002	Computational Methods in Fluid Flow and Heat Transfer	Propulsion Engineering
MPE 2003	Heat Transfer in Space Applications	
MDE 2003	Design of Pressure vessels & Piping	Machine Design
MDE 2005	Advanced Finite Element Methods	
MDE 2006	Mechanics of Composite Materials	
MTE 2004	Refrigeration Engineering	Thermal Science
MCE 2006	Advanced Materials Removal Processes	Computer Integrated Manufacturing
MRE 2001	Space Cryogenics	Industrial Refrigeration & Cryogenic Engineering

Branch: Electrical & Electronics Engineering

Stream Elective – I

EGE 2001	Flight Dynamics & Control	Common for GNC & CS
EPE 2001	Transient Analysis in Power System	PS
EPE 2003	Distributed Generation	Common for PS & EM
EDE 2001	Power Quality Assessment & Improvement	PC & D
EDE 2003	Power Electronics for Renewable Energy Systems	
EAC 2001	Advanced Power Electronic System – CORE SUBJECTS	PS & C
EIE 2003	Analog and Digital Instrumentation	IIC

Branch: Electronics & Communication Engineering
Stream Elective - I

TAE 2002	Optical Instrumentation	AEI
TAE 2001	Medical Instrumentation	
TAE 2003	Digital Image Processing	
TSC 2002	Digital Image Processing - CORE SUBJECT	SP
TME 2001	Computational Electromagnetics	MTV
TME 2002	Microwave Integrated Circuits	
TTE 2002	Secure Communication	TE
TES 2004	Embedded Networking	ES
TCE 2002	Theory of Error Control Coding	CS

Branch: Computer Science & Engineering
Stream Elective – I

RCE 2003	Network Security	CS
RIC 2002	Network Security – CORE SUBJECT	IS
RCE 2001	Parallel Algorithms	CS
RCE 2005	Advanced Compiler Design	

Branch: Information Technology
Stream Elective – I

INE 2012	High Speed Switching Architecture	Network Engineering
----------	-----------------------------------	---------------------

Branch: Bio-Technology & Bio Chemical Engineering
Stream Elective – I

BMS 2002	Molecular Diagnostics	Molecular Medicine
----------	-----------------------	--------------------

Branch: M.Planning/M.Arch
Department Elective

ADE 2001	Sustainable Settlement Planning	Common for Housing and Urban Design
----------	---------------------------------	-------------------------------------

Day & Date : Monday 08.12.2014
Time : 9.30 am to 12.30 pm

Branch: Civil Engineering
Stream Elective – II

CSE 2004	Finite Element Method	Structural Engineering
CHE 2004	Soft Computing Techniques in Water Resources	Hydraulics Engineering
CEE 2004	Air Quality Management	Environmental Engineering
CRE 2006	Geoinformatics in Transportation Engineering	Geoinformatics Engineering
CTE 2004	Traffic Simulation Modelling and Applications	Traffic & Transportation Engg.
CGE 2004	Ground Modification Techniques	Geo-Technical Engineering
CME 2002	Production and Materials Management	SECM
CME 2004	Energy Management in Buildings	

Branch: Mechanical Engineering
Stream Elective – II

MIE 2007	Human Aspect of Management	Industrial Engineering
MPE 2006	Nuclear Science & Technology	Propulsion Engineering
MDE 2012	Condition Monitoring & Maintenance Engineering	Machine Design
MDE 2007	Experimental Stress Analysis	
MDE 2011	Computer Integrated Manufacturing	
MTE 2009	Gas Turbines	Thermal Science
MTE 2007	Solar Thermal Engineering	
MCE 2007	Rapid Prototyping, Tooling and Manufacture	CIM
MCE 2008	Computer Aided Process Planning and Control	
MRE 2006	Computational Fluid Dynamics	IRCE

Branch: Electrical & Electronics Engineering
Stream Elective – II

EGC 2001	Guidance & Control of Missiles – CORE SUBJECTS	Guidance and Navigational Control
ECE 2001	Adaptive Control	Control System
EMC 2001	Electric Drives	
EMC 2001	Electric Drives – CORE SUBJECTS	Electrical Machines & PCD
EIE 2006	Fuzzy Logic Neural Network & Control	IIC

Branch: <u>Electronics & Communication Engineering</u> <u>Stream Elective – II</u>		
TAE 2006	Mixed Signal Circuit Design	AEI
TAE 2005	Robot Dynamics & Control	
TSE 2004	Biomedical Signal Processing and Systems	SP
TSE 2006	Pattern Recognition and Machine Learning	
TSE 2005	Adapting Signal Processing	
TME 2004	Digital Techniques in Television Engineering	MTV
TME 2006	Microwave Imaging	
TTE 2006	Image and Video Processing	TE
TTE 2008	Information Theory	
TES 2010	Intelligent Embedded Systems	ES
TCE 2005	Advanced Antenna Theory and Design	CS
Branch: <u>Computer Science & Engineering</u> <u>Stream Elective – II</u>		
RCE 2006	Computational Geometry	CSE
RCE 2007	Advanced Graph Theory	
RCE 2008	Soft Computing	
RCE 2009	Image Processing	
RIE 2004	Web Security Testing	Information Security
Branch: <u>Information Technology</u> <u>Stream Elective – II</u>		
INE 2014	Ad-hoc and Sensor Networks	Network Engineering
Branch: <u>Bio-Technology & Bio Chemical Engineering</u> <u>Stream Elective – II</u>		
BMS 2004	Immunotechnology	Molecular Medicine

Day & Date : Wednesday 10.12.2014		
Time : 9.30 am to 12.30 pm		
Branch: <u>Civil Engineering</u>		
Department Elective		
CED 2003	Environmental Impact Assessment and Risk Analysis	Structural Engineering
CSD 2001	Design of Bridges	
CGD 2001	Geoenvironment and Landfill	
CRD 2001	Geoinformatics in Civil Engineering	Hydraulics Engineering
CGD 2001	Geoenvironment and Landfill	
CRD 2001	Geoinformatics in Civil Engineering	Environmental Engineering
CGD 2001	Geoenvironment and Landfill	
CED 2003	Environmental Impact Assessment and Risk Analysis	Geo-informatics
CRD 2001	Geoinformatics in Civil Engineering	Traffic & Transportation Engineering
CSD 2001	Design of Bridges	Geo-Technical Engineering
CGD 2001	Geoenvironment and Landfill	
CMD 2001	Design of offshore Structures	SECM
CSD 2001	Design of Bridges	
Branch: <u>Mechanical Engineering</u>		
Department Elective		
MID 2001	Reliability Engineering	Industrial Engineering
MTD 2002	Cryogenic Engineering	Propulsion Engineering
MTD 2002	Cryogenic Engineering	Machine Design
MTD 2001	Finite Element Analysis for Heat Transfer	
MID 2002	Modern Information System	Thermal Science
MTD 2002	Cryogenic Engineering	
MTD 2001	Finite Element Analysis for Heat Transfer	
MCD 2001	Principles of Robotics and Applications	CIM
MCD 2005	Total Quality Management	
MTD 2001	Finite Element Analysis for Heat Transfer	IRCE
Branch: <u>Electrical & Electronics Engineering</u>		
Department Elective		
ECD 2003	Soft Computing Techniques	GNC
ECD 2005	Biomedical Instrumentation	
ECD 2003	Soft Computing Techniques	CS
ECD 2005	Biomedical Instrumentation	
EPD 2001	New and Renewable source of Energy	PS
ECD 2003	Soft Computing Techniques	
ECD 2005	Biomedical Instrumentation	
ECD 2002	Process Control and Industrial Automation	EM
ECD 2003	Soft Computing Techniques	
ECD 2005	Biomedical Instrumentation	PS & C
EPD 2001	New and Renewable source of Energy	
EPD 2001	New and Renewable source of Energy	PC & D
ECD 2005	Biomedical Instrumentation	IIC

Branch: <u>Electronics & Communication Engineering</u> Department Elective		
TAD 2001	Design of VLSI Systems	AEI
TAD 2002	Soft Computing	
TAD 2003	Optimization for Engineering Design	
TAD 2001	Design of VLSI Systems	SP
TAD 2002	Soft Computing	
TAD 2001	Design of VLSI Systems	MTV
TAD 2002	Soft Computing	
TTD 2003	Space Time Coding and MIMO Systems	TE
TTD 2004	High Performance Communication Networks	
TED 2003	Image Processing with Digital Signal Processors	ES
TCD 2002	Electromagnetic Interference and Compatibility	Communication Systems
Branch: <u>Computer Science & Engineering</u> Department Elective		
RCD 2004	Data Compression	CS
RID 2003	Cloud Computing	
RCD 2001	Data Warehousing & Mining	
RID 2001	Cyber Laws & Ethics	
RID 2002	Advanced Topics in Distributed Systems	
RCD 2004	Data Compression	Information Security
RID 2002	Advanced Topics in Distributed Systems	
Branch: <u>Information Technology</u> Department Elective		
INE 2018	Web Technologies	Network Engineering
Branch: <u>Bio-Technology & Bio Chemical Engineering</u> Department Elective		
BMD 2001	Advanced Fermentation Engineering	Molecular Medicine

Day & Date : Friday 12.12.2014 Time : 9.30 am to 12.30 pm		
Branch: <u>Electrical & Electronics Engineering</u>		
EPE 2002	Facts and Custom Power (Stream Elective – II)	PS & EM
EPE 2002	Flexible AC Transmission Systems – (Stream Elective – I)	PS & C

CONTROLLER OF EXAMINATIONS

University Buildings,
Thiruvananthapuram
Dated:14.11.2014

gr/Ctp/C3