K. J. Somaiya College of Engineering, Mumbai-77
(Autonomous College Affiliated to University of Mumbai)

Notice

Attention: All students appearing for backlog examination ND 2017

The equivalent subjects in KJSCE 2014 have been offered for the following schemes.
1) For MU KJSCE 2014 (SEM I-SEM IV) –Equivalent subjects already offered from Exam ND 2016 (refer notice dated 19 August 2017)
2) For MU R-2012 (SEM I-SEM IV)- Equivalent subjects already offered from Exam ND 2016 (refer notice dated 19 August 2017)
3) For MU KJSCE 2014 (SEM V -SEM VI) –Equivalent subjects offered to appear for Exam ND 2017 as per table attached herewith.
4) For MU R-2007 (SEM I- SEM VIII) - Equivalent subjects offered to appear for Exam ND 2017 as per table attached herewith.

As notified earlier, May/June 2016 was the **last attempt** for any student to appear for a backlog Theory/Practical/Oral exams in any of course (subject) of MU R-2007, MU R-2012 and MU KJSCE 2014 syllabus. Till date we have implemented the same for SEM I-SEM IV (MUCBGS and MUKT) . Now from academic year 2017-18, equivalent courses have been offered for SEM V MUCBGS and SEM VI MUCBGS (MUKJSCE 2014) in KJSCE 2014 scheme . Also Equivalent courses in KJSCE 2014, have been offered to students having backlog in R-2007 scheme.

All the concerned students should fill the examination form as per the schedule displayed in the notice . Except the students having backlog in MU R-2007 syllabus scheme, all students will fill the Exam form online .With form receipt/ admit card, such students have to attach the copy of euqivalent subjects offered .

The students having backlog subjects in R-2007 scheme (Non-CBGS), have to fill up the Exam form offline in the Exam cell as per the schedule .

The equivalent courses for R-2007 for all semesters, are attached herewith.. Where no equivalent course is mentioned in the table, student have to appear for that course with same syllabus scheme.

Date: 27/09/2017

Principal

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The Equivalent courses and schedule of examination is as per tabulated below.

UG MU R-2007

- **Semester I to VIII , refer equivalent course/subject as per table attached.**
- The examination will be taken in parallel with regular and KT examination of ND 2017
- The maximum marks of ESE will be as per the MU R-2007 syllabus
- The TW marks and passed courses/subjects marks will be carried forward as it is
- The student will be evaluated as per the % marks scheme MU R-2007

PG MU R-2007

- Semester I and II in R-2007 syllabus, euivalent subjects in MUCBGS are as offered by University of Mumbai .
- The examination will be taken along with regular and backlog eaxminations of M.Tech.
- The maximum marks of ESE will be as per the MU R-2007 syllabus
- The TW marks and passed courses/subjects marks will be carried forward as it is
- The student will be evaluated as per the % marks scheme MU R-2007

UG MU R-2012 and MU KJSCE 2014

- **Semester I to VI** the syllabus will be as per the equivalent course/subject table .
- For **semester VII** there will be no equivalent courses/subjects
- There will be no **semester VIII** KT examination as repeat examination was held in July 2017
- The examination will be taken in parallel with regular and KT examination of ND 2017
- The TW / CA marks and passed courses/subjects marks will be carried forward as it is
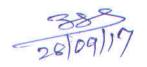- The student will be evaluated as per the CBGS system.

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SEM I (COMMON FOR ALL BRANCHES)

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	APPLIED MATHEMATICS-I	100	USHC101	APPLIED MATHEMATICS-I	100
	APPLIED PHYSICS - I	75	USHC102	APPLIED PHYSICS - I	75
	APPLIED CHEMISTRY - I	75	USHC103	APPLIED CHEMISTRY - I	75
	ENGINEERING MECHANICS	100	USHC107	ENGINEERING MECHANICS	100
	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	100	USHC105	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	100
	COMPUTER PROGRAMMING -I	100		NO EQUIVALENT	

SEM II (COMMON FOR ALL BRANCHES)

COURSE CODE	COURSE (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	APPLIED MATHEMATICS-II	100	USHC201	APPLIED MATHEMATICS-II	100
	APPLIED PHYSICS - II	75	USHC202	APPLIED PHYSICS - II	75
	APPLIED CHEMISTRY - II	75	USHC203	APPLIED CHEMISTRY - II	75
	COMMUNICATION SKILLS	100		NO EQUIVALENT	
	ENGINEERING DRAWING	50		NO EQUIVALENT	
	COMPUTER PROGRAMMING -II	100		NO EQUIVALENT	

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SEMESTER III _COMPUTER ENGINEERING

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	APPLIED MATHEMATICS-III	100	UCEC301	APPLIED MATHEMATICS-III	100
	ELECTRONIC DEVICES & LINEAR CIRCUITS	100		NO EQUIVALENT SUBJECT	
	DISCRETE STRUCTURE & GRAPH THEORY	100	UCEC305	DISCRETE STRUCTURE AND GRAPH THEORY	100
	DIGITAL LOGIC DESIGN & APPLICATION	100		NO EQUIVALENT SUBJECT	100
	DATA STRUCTURE AND FILES	100	UCEC303	DATA STRUCTURE	100
	COMPUTER ORGANIZATION & ARCHITECTURE	100	UCEC304	COMPUTER ORGANIZATION AND ARCHITECTURE	100

SEMESTER IV _COMPUTER ENGINEERING

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	COMPUTER NETWORK	100	UCEC405	DIGITAL COMMUNICATION & NETWORK	100
	ADVANCE DATABASE MANAGEMENT SYSTEM	100	UCEC504	ADVANCE DATABASE MANAGEMENT SYSTEM	100
	MICROPROCESSOR	100	UCEC402	MICROPROCESSOR	100
	THEORY OF COMPUTER SCIENCE	100	UCEC503	THEORY OF COMPUTER SCIENCE	100
	WEB ENGINEERING	100		NO EQUIVALENT SUBJECT	
	ENVIRONMENT STUDIES	50	_	NO EQUIVALENT SUBJECT	

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SEMESTER V _COMPUTER ENGINEERING

COURSE CODE	COURSE (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	APPLIED MATHEMATICS - IV	100	UCEC401	APPLIED MATHEMATICS - IV	100
	ANALOG & DIGITAL COMMUNICATION	100		NO EQUIVALENT SUBJECT	
	DATABASE MANAGEMENT SYSTEM	100	UCEC404	RELATIONAL DATABASE MANAGEMENT SYSTEMS	100
	COMPUTER GRAPHICS	100		NO EQUIVALENT SUBJECT	
	ANALYSIS OF ALGORITHM & DESIGN	100	UCEC403	ANALYSIS OF ALGORITHM	100
	OPERATING SYSTEM	100	UCEC501	OPERATING SYSTEM	100

SEMESTER VI _COMPUTER ENGINEERING

COURSE CODE	COURSE (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	ADVANCE COMPUTER NETWORK	100	UCEC502	DATA NETWORKS	100
	SYSTEM PROGRAMMING & COMPLIER CONSTRUCTION	100	UCEC602	SYSTEM PROGRAMMING AND COMPILER CONSTRUCTION	100
	OBJECT ORIENTED SOFTWARE ENGINEERING	100	UCEC505	SOFTWARE ENGINEERING	100
	ADVANCE MICROPROCESSOR	100	—	NO EQUIVALENT SUBJECT	
	DATA WAREHOUSE & MINING	100	UCEC702	DATA WAREHOUSING & MINING	100

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SEMESTER VII _COMPUTER ENGINEERING

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	DIGITAL SIGNAL & IMAGE PROCESSING	100	UCEC603	DIGITAL SIGNAL & IMAGE PROCESSING	100
	ROBOTICS & AI	100	UCEC601	ARTIFICIAL INTELLIGENCE	100
	MOBILE COMPUTING	100	UCEC604	MOBILE CELLULAR & AD HOC NETWORKS	100
	SYSTEM SECURITY	100	UCEC701	CRYPTOGRAPHY & SYSTEM SECURITY	100
	ELECTIVE - I	100			
	1) COMPUTER SIMULATION & MODELING	100	UCEE704	COMPUTER SIMULATION AND MODELLING	100
	2)E-COMMERCE	100	—	NO EQUIVALENT SUBJECT	
	3) PROJECT MANAGEMENT	100	UCEC703	SOFTWARE PROJECT MANAGEMENT	100
	4) SOFT COMPUTING	100	—	NO EQUIVALENT SUBJECT	

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SEMESTER VIII _COMPUTER ENGINEERING

COURSE CODE	COURSE (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	DISTRIBUTED COMPUTING	100	_	NO EQUIVALENT SUBJECT	
	MULTIMEDIA SYSTEM DESIGN	100	_	NO EQUIVALENT SUBJECT	
	SOFTWARE ARCHITECTURE	100	UCEE803	SOFTWARE ARCHITECTURE	100
	ELECTIVE - II				
	1) HUMAN COMPUTING INTERACTION	100	UCEC704	HUMAN MACHINE INTERACTION	100
	2) ADVANCED INTERNET TECHNOLOGY	100	_	NO EQUIVALENT SUBJECT	
	3) COMPUTER VISION	100	_	NO EQUIVALENT SUBJECT	
	4) EMBEDDED SYSTEM	100	UCEE703	INTERNET OF THINGS	100

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SEMESTER III _ELECTRONICS ENGINEERING

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	ENGINEERING MATHEMATICS	100	UEXC301	APPLIED MATHEMATICS	100
	BASIC OF ELECTRONIC CIRCUITS	100	UEXC302	BASIC ELECTRONICS CIRCUITS	100
	DIGITAL SYSTEM DESIGN I	100	UEXC304	DIGITAL DESIGN	100
	ELECTRICAL NETWORK ANALYSIS & SYNTHESIS	100	UEXC303	ELECTRICAL NETWORKS	100
	CONTROL SYSTEM	100	UEXC403	CONTROL SYSTEM ENGINEERING	100

SEMESTER IV _ELECTRONICS ENGINEERING

COURSE CODE	COURSE (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	ADVANCED ENGINEERING MATHEMATICS	100	UEXC401	APPLIED MATHEMATICS	100
	ELECTRONIC CIRCUIT ANALYSIS & DESIGN	100	UEXC402	ELECTRONICS CIRCUITS ANALYSIS &DESIGN	100
	DIGITAL SYSTEM DESIGN II	100		NO EQUIVALENT	
	BASICS OF ANALOG & DIGITAL COMMUNICATION SYSTEMS	100	UEXC405	BASICS OF COMMUNICATION ENGINEERING	100
	ELECTRONIC & ELECTRICAL MEASURING INSTRUMENTS & MACHINE	100	UEXC305	ELECTRICAL MACHINES AND INSTRUMENTS	100

SEMESTER V _ELECTRONICS ENGINEERING

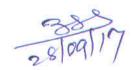| COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	CONTINEOUS TIME SIGNAL & SYSTEM	100		NO EQUIVALENT	
	MICROPROCESSOR & MICROCONTROLLER - I	100		NO EQUIVALENT	
	ELECTROMAGNETIC ENGINEERING	100		NO EQUIVALENT	
	LINEAR INTEGRATED CIRCUITS & DESIGN	100	UEXC503	LINEAR INTEGRATED CIRCUITS DESIGN	100
	DIGITAL COMMUNICATION & CODING TECHNIQUES	100	UEXC504	DIGITAL COMMUNICATION AND CODING TECHNIQUES	100
	EVS	50		NO EQUIVALENT	

SEMESTER VI _ELECTRONICS ENGINEERING

COURSE CODE	COURSE (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	DISCRETE TIME SIGNAL & SYSTEM	100		NO EQUIVALENT	
	MICROPROCESSOR & MICROCONTROLLER - II	100		NO EQUIVALENT	
	MICROWAVE DEVICES & CIRCUITS	100		NO EQUIVALENT	
	ELECTRONICS INSTRUMENTATION SYSTEM	100	UEXC602	INSTRUMENTATION SYSTEMS	100
	POWER ELECTRONICS	100		NO EQUIVALENT	
	ELECTIVE - II				
	1) COMMUNICATION SYSTEMS & APPLICATIONS	100		NO EQUIVALENT	
	2) MEDICAL ELECTRONICS	100		NO EQUIVALENT	
	3) COMPUTER ORGANIZATION	100	UEXC605	COMPUTER ORGANIZATION	100

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SEMESTER VII _ELECTRONICS ENGINEERING

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	VLSI DESIGN	100	UEXC604	BVLSI DESIGN	100
	FILTER DESIGN	100		NO EQUIVALENT	
	POWER ELECTRONICS & DRIVES	100		NO EQUIVALENT	
	COMMUNICATION NETWORKS	100	UEXC702	DATA COMMUNICATION AND NETWORKING	100
	ELECTIVE - I	100			
	1) WIRELESS COMMUNICATION	100		NO EQUIVALENT	
	2) ADVANCES IN BIOMEDICAL INSTRUMENTATION	100		NO EQUIVALENT	
	3) MICRO COMPUTER SYSTEM DESIGN	100		NO EQUIVALENT	
	4) DIGITAL IMAGE PROCESSING DESIGN	100	UEXE702	DIGITAL IMAGE PROCESSING	100

SEMESTER VIII _ELECTRONICS ENGINEERING

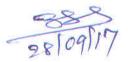| COURSE CODE	COURSE NAME(R-2007) MU NON CBGS	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	ADVANCED VLSI DESIGN	100		NO EQUIVALENT	
	ROBOTICS & AUTOMATION	100		NO EQUIVALENT	
	EMBEDDED SYSTEMS & REAL TIME PROGRAMMING	100	UEXC703	EMBEDDED SYSTEM DESIGN	100
	ELECTIVE - II				
	1)ADVANCED NETWORKING TECHNOLOGIES	100	UEXC803	ADVANCED NETWORKING TECHNOLOGIES	100
	2) DSP PROCESSSORS & ARCHITECTURES	100		NO EQUIVALENT	
	3) NEURAL NETWORKS & FUZZY SYSTEMS	100	UEXE706	ARTIFICIAL NEURAL NETWOK & FUZZY SYSTEMS	100
	4) ELECTRONICS PRODUCT DESIGN	100		NO EQUIVALENT	

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SEMESTER III _ELECTRONICS AND TELECOMMUNICATION ENGINEERING

COURSE CODE	COURSE NAME(R-2007) MU NON CBGS	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	APPLIED MATHEMATICS III	100	UETC301	APPLIED MATHEMATICS III	100
	DIGITAL LOGIC DESIGN	100	UETC303	DIGITAL LOGIC DESIGN	100
	ELECTRONIC DEVICES & CIRCUITS- I	100	UETC302	ANALOG ELECTRONICS I	100
	ELECTRICAL NETWORKS	100	UETC304	ELECTRICAL NETWORKS	100
	ELECTRONIC INSTRUMENTATION	100		NO EQUIVALENT COURSE ONLY LAB COURSE IS IN KJSCE 2014	

SEMESTER IV _ELECTRONICS AND TELECOMMUNICATION ENGINEERING

COURSE CODE	COURSE NAME(R-2007) MU NON CBGS	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	APPLIED MATHEMATICS IV	100	UETC401	APPLIED MATHEMATICS-IV	100
	ANALOG & DIGITAL IC DESIGN & APPLICATIONS	100	UETC505	INTEGRATED CIRCUITS(SEM-V IN KJSCE-2014 SYLLABUS)	100
	PRINCIPLE OF COMMUNICATION ENGINEERING	100	UETC501	COMMUNICATION SYSTEMS(SEM-V IN KJSCE-2014 SYLLABUS)	100
	ELECTRONIC DEVICES & CIRCUITS II	100	UETC402	ANALOG ELECTRONICS II	100
	ELECTROMAGNETIC WAVE THEORY	100	UETC404	ELECTROMAGNETIC FIELD THEORY	100

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SEMESTER V _ELECTRONICS AND TELECOMMUNICATION ENGINEERING

COURSE CODE	COURSE NAME(R-2007) MU NON CBGS	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	RANDOM SIGNAL ANALYSIS	100	UETC502	RANDOM SIGNAL AND PROCESSES	100
	MICROPROCESSORS & MICROCONTROLLERS - I	100		NO EQUAVALENT	
	RF CIRCUIT DESWIGN	100		NO EQUAVALENT	
	SIGNALS & SYSTEMS	100	UETC403	SIGNALS AND SYSTEMS (SEM-IV KJSCE-2014 SYLLABUS)	100
	PRINCIPLES OF CONTROL SYSTEMS	100	UETC405	CONTROL SYSTEMS (SEM-IV KJSCE-2014 SYLLABUS)	100
	EVS	50		NO EQUAVALENT	

SEMESTER VI_ELECTRONICS AND TELECOMMUNICATION ENGINEERING

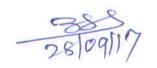| COURSE CODE	COURSE NAME(R-2007) MU NON CBGS	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	MICROPROCESSORS & MICROCONTROLLERS - II	100		NO EQUAVALENT	
	ANTENNA & WAVE PROPAGATION	100		NO EQUAVALENT	
	INSDUSTRIAL ECONOMIC & TLECOM REGULATION	50		NO EQUAVALENT	
	DIGITAL COMMUNICATION	100	UETC602	DIGITAL COMMUNICATION	100
	TV & VIDEO ENGG	100		NO EQUAVALENT	
	ELECTIVE - II				
	ELECTIVE				
	1) ACOUSTICS ENGINEERING			NO EQUAVALENT	
	2) MICRO ELECTRONICS			NO EQUAVALENT	
	3) RADAR ENGINEERING	100		NO EQUAVALENT	
	4) DIGITAL TELEPHONY			NO EQUAVALENT	
	5) NEURAL NETWORKS & FUZZY LOGIC		UETE703	NEURAL NETWORK AND FUZZY LOGIC (SEM-VII IN KJSCE-2014 SYLLABUS)	100

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SEMESTER VII_ELECTRONICS AND TELECOMMUNICATION ENGINEERING

COURSE CODE	COURSE NAME(R-2007) MU NON CBGS	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	MOBILE COMMUNICATION SYSTEMS	100	UETC701	WIRELESS COMMUNICATION	100
	FUNDAMENTALS OF MICROWAVE ENGINEERING	100	UETC702	MICROWAVE ENGINEERING	100
	COMPUTER COMMUNICATION NETWORK	100	UETC604	COMPUTER COMMUNICATION NETWORK (SEM-VI IN KJSCE-2014 SYLLABUS)	100
	DISCRETE TIME SIGNAL PROCESSING	100	UETC601	DIGITAL SIGNAL PROCESSING (SEM-VI IN KJSCE-2014 SYLLABUS)	100
	ELECTIVE I				
	1) DATA COMPRESSION & ENCRYPTION			NO EQUIVALENCE	
	2) INTRODUCTION TO VLSI DESIGN	100	UETC603	VLSI DESIGN (SEM-VI IN KJSCE-2014 SYLLABUS)	100
	3) SPEECH PROCESSING		UETE701	SPEECH PROCESSING	100
	4) ELECTRONIC PRODUCT DESIGN			NO EQUIVALENCE	

SEMESTER VIII_ELECTRONICS AND TELECOMMUNICATION ENGINEERING

COURSE CODE	COURSE NAME(R-2007) MU NON CBGS	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	ADVANCE MICROWAVE ENGINEERING	100		NO EQUIVALENCE	
	OPTICAL FIBER COMMUNICATION	100	UETC801	OPTICAL FIBER COMMUNICATION	100
	WIRELESS NETWORK	100	UETE804	WIRELESS NETWORKS	100
	ELECTIVE - II				
	1) IMAGE PROCESSING		UETC703	IMAGE PROCESSING (SEM-VII IN KJSCE-2014 SYLLABUS)	100
	2) SATELLITE COMMUNICATION	100		NO EQUIVALENCE	
	3) TELECOM NETWORK MANAGEMENT		UETE811	TELECOM NETWORK MANAGEMENT	100
	4) MICROWAVE INTEGRATED CIRCUITS		UETE803	MICROWAVE INTEGRATED CIRCUITS	100

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SEMESTER III_INFORMATION & TECHNOLOGY

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	APPLIED MATHEMATICS - III	100	UITC301	ENGINEERING MATHEMATICS-III	100
	DATA STRUCTURE AND ALOGRITHMS	100	UITC303	DATA STRUCTURES	100
	ELECTRONIC DEVICES & CIRCUITS	100		NO EQUIVALENT	
	DIGITAL LOGIC DESIGN & APPLICATIONS	100	UITC304	DIGITAL LOGIC DESIGN AND APPLICATIONS	100
	G U I & DATABASE MANAGEMENT	100	UITC302	DATABASE MANAGEMENT SYSTEMS	100

SEMESTER IV_INFORMATION & TECHNOLOGY

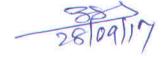| COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	COMPUTATIONAL MATHEMATICS	100	UITC401	APPLIED MATHEMATICS-IV	100
	PRINCIPLES OF COMMUNICATION ENGINEERING	100		NO EQUIVALENT	
	MICROPROCESSORS & MICROCONTROLLERS	100	UITC602	MICROCONTROLLER & EMBEDDED SYSTEMS	100
	INTERNET PROGRAMMING	100		NO EQUIVALENT	
	NETWORKING TECHNOLOGY FOR DIGITAL DEVICES	100	UITC402	DATA COMMUNICATION AND NETWORKING	100
	FINANCIAL ACCOUNTING & MGT MANAGEMENT OF TECHNOLOGY INNOVATION	100		NO EQUIVALENT	

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SEMESTER V_INFORMATION & TECHNOLOGY ENGINEERING

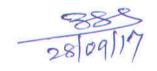| COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	OPERATING SYSTEM FOR COMPUTATIONAL DEVICES	100	UITC505	OPERATING SYSTEMS	100
	COMPUTER GRAPHICS & VIRTUAL REALITY SYSTEMS	100	UITC504	COMPUTER GRAPHICS	100
	CONVERGENCE OF TECHNOLOGIES & NETWORKING IN COMMUNICATION	100		NO EQUIVALENT	
	MANUFACTURING PROCESSES, PLANNING & SYSTEMS	100		NO EQUIVALENT	
	OBJECT ORIENTED ANALYSIS & DESIGN	100	UITC502	OBJECT ORIENTED SOFTWARE ENGINEERING	100
	ENVIRONMENTAL STUDIES	50		NO EQUIVALENT	

SEMESTER VI_INFORMATION & TECHNOLOGY ENGINEERING

COURSE CODE	COURSE (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	INFORMATION & NETWORK SECURITY	100	UITC601	INFORMATION AND NETWORK SECURITY	100
	MIDDLEWARE & ENTERPRISE INTEGRATION TECHNOLOGIES	100		NO EQUIVALENT	
	SOFTWARE ENGINEERING	100	UITC502	OBJECT ORIENTED SOFTWARE ENGINEERING	100
	DATA BASE TECHNOLOGIES	100	UITC503	ADVANCED DATABASES	100
	PROGRAMMING FOR MOBILE & REMOTE COMPUTERS	100		NO EQUIVALENT	
	INFORMATION TECHNOLOGY FOR MANAGEMENT OF ENTERPRISE	100		NO EQUIVALENT	

SEMESTER VII_INFORMATION & TECHNOLOGY ENGINEERING

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	DATA WAREHOUSING MINING & BUSINESS INTELLIGENCE	100	UITC603	DATA MINING	100
	DIGITAL SIGNAL IMAGE PROCESSING	100	UITE701	DIGITAL IMAGE PROCESSING	100
	SIMULATION & MODELING	100	UITC703	MODELING AND SIMULATION	100
	SOFTWARE TESTING & QUALITY ASSURANCE	100	UITC701	SOFTWARE TESTING AND QUALITY ASSURANCE	100
	ELECTIVE I	100			
	1) WIRELESS NETWORK		UITE603	WIRELESS NETWORKS	100
	2) MULTIMEDIA SYSTEMS			NO EQUIVALENT	
	3) EVOLUTIONARY ALGORITHMS			NO EQUIVALENT	
	4) GEOGRAPHICAL INFORMATION SYSTEMS		UITE805	GEOGRAPHICAL INFORMATION SYSTEM	100
	5) ARTIFICIAL INTELLIGENCE		UITC702	ARTIFICIAL INTELLIGENCE	100

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SEMESTER VIII_INFORMATION & TECHNOLOGY ENGINEERING

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	INFORMATION STORAGE MANAGEMENT & DISASTER RECOVERY	100		NO EQUIVALENT	
	GAMING ARCHITECTURE & PROGRAMMING	100	UITE604	GAME ARCHITECTURE PROGRAMMING	
	SOFTWARE PROJECT MANAGEMENT	100	UITC801	SOFTWARE PROJECT MANAGEMENT	100
	ELECTIVE - II				100
	1) CLOUD COMPUTING		UITC802	CLOUD COMPUTING	
	2) E- GOVERNMENT			NO EQUIVALENT	100
	3) ERP & CRP	100		NO EQUIVALENT	
	4) MOBILE & ECOMMERCE		UITE602	E-COMMERCE AND E-BUSINESS	
	5) ROBOTICS & MACHINE INTELLIGENCE		UITE802	ROBOTICS	100
					100

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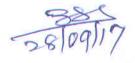
SEMESTER III_MECHANICAL ENGINEERING

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	APPLIED MATHEMATICS - III	100	UMEC301	APPLIED MATHEMATICS - III	100
	STRENGTH OF MATERIALS	100	UMEC303	STRENGTH OF MATERIALS	100
	MACHINE DRAWING	100		NO EQUIVALENT	
	PRODUCTION PROCESS - I	100	UMEC304	PRODUCTION PROCESS - I	100
	THERMODYNAMICS	100	UMEC302	THERMODYNAMICS	100

SEMESTER IV_MECHANICAL ENGINEERING

COURSE CODE	COURSE (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	APPLIED MATHEMATICS - IV	100	UMEC401	APPLIED MATHEMATICS - IV	100
	THEORY OF MACHINES - I	100	UMEC403	THEORY OF MACHINES - I	100
	THERMAL ENGINEERING	100		NO EQUIVALENT	
	PRODUCTION PROCESS - II	100	UMEC404	PRODUCTION PROCESS - II	100
	MATERIAL TECHNOLOGY	100	UMEC305	MATERIAL SCIENCE AND METALLURGY (SEM. III)	100
	INDUSTRIAL ELECTRONICS	100	UMEC405	INDUSTRIAL ELECTRONICS	100

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SEMESTER V_MECHANICAL ENGINEERING

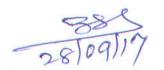| COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	MECHANICAL MEASUREMENT & METROLOGY*	100	UMEC504	MEASUREMENT AND METROLOGY	100
	THEORY OF MACHINES - II*	100	UMEC502	THEORY OF MACHINES - II*	100
	FLUID MECHANICS*	100	UMEC402	FLUID MECHANICS* (SEM. IV)	100
	HEAT & MASS TRANSFER*	100	UMEC501	HEAT & MASS TRANSFER*	100
	ENVIRONMENTAL STUDIES	50		NO EQUIVALENT	

SEMESTER VI_MECHANICAL ENGINEERING

COURSE CODE	COURSE (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	MECHATRONICS*	100		NO EQUIVALENT	
	HYDRAULIC MACHINERY	100	UMEC503	HYDRAULIC MACHINERY (SEM. V)	100
	MECHANICAL VIBRATIONS*	100	UMEC602	DYNAMICS OF MACHINES	100
	E-COMMERCE & INDUSTRIAL FINANCE	100		NO EQUIVALENT	
	INTERNAL COMBUSTION ENGINE*	100	UMEC601	ENERGY CONVERSION - I	100
	MACHINE DESIGN - I*	100	UMEC603	MACHINE DESIGN - I*	100

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SEMESTER VII_MECHANICAL ENGINEERING

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	MACHINE DESIGN - II	100	UMEC701	MACHINE DESIGN - II	100
	CAD/CAM/CIM*	100	UMEC702	COMPUTER AIDED ENGINEERING	100
	REFRIGERATION & AIR CONDITIONING	100	UMEC802	ENERGY CONVERSION III (SEM. VIII)	100
	MANUFACTURING PLANNING & CONTROL	100	UMEC703	MANUFACTURING PLANNING & CONTROL	100
	ELECTIVE I				100
	1) SUPPLY CHAIN MANAGEMENT*		UMEE708	SUPPLY CHAIN MANAGEMENT*	100
	2) CRYOGENIC ENGINEERING*		UMEE805	CRYOGENICS (SEM. VIII)	100
	5) POWER PLANT ENGINEERING	100		NO EQUIVALENT	
	6) OPERATIONS RESEARCH*		UMEE706	OPTIMIZATION	100
	9) COMPUTATIONAL FLUID DYNAMICS*		UMEE704	COMPUTATIONAL FLUID DYNAMICS*	100
	10) INDUSTRIAL ROBOTICS*		UMEE707	INDUSTRIAL ROBOTICS*	100

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SEMESTER VIII_MECHANICAL ENGINEERING

COURSE CODE	COURSE NAME (R-2007)	THEORY	COURSE CODE	EQUIVALENT COURSE NAME KJSCE 2014	MARKS
	AUTOMOBILE ENGINEERING	100	UMEE806	AUTOMOBILE ENGINEERING	100
	FINITE ELEMENT ANALYSIS*	100	UMEC604	FINITE ELEMENT ANALYSIS (SEM VI)	100
	INDUSTRIAL ENGINEERING & ENTERPRISE RESOURCE PLANNING	100	UMEC803	INDUSTRIAL ENGINEERING & MANAGEMENT	100
	ELECTIVE - II				100
	1)BUSINESS PROCESS REENGINEERING*		UMEE808	BUSINESS PROCESS REENGINEERING	100
	2) ADVANCED REFRIGERATION & AIR CONDITIONING*			NO EQUIVALENT	
	3) NON CONVENTIONAL ENERGY SOURCES			NO EQUIVALENT	
	4) PROJECT MANAGEMENT*	100		NO EQUIVALENT	
	5) ARTIFICIAL & MACHINE INTELLIGENCE*		UMEE809	ARTIFICIAL INTELLIGENCE	100
	6) ADVANCED TURBO MACHINERY*			NO EQUIVALENT	
	7) MECHANICAL SYSTEM DESIGN		UMEE801	MECHANICAL SYSTEM DESIGN	100
	8) PROCESS EQUIPMENT DESIGN		UMEE803	PROCESS EQUIPMENT DESIGN	100

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