

1.1 List of courses offered across all programs during last five years

Program code	Program Name	Course code	Course Name	Year of introduction
512550710	Chemical Engineering	207004	Engineering Mathematics-III	1998-99
512550710	Chemical Engineering	209341	Chemistry-I	2004-05
512550710	Chemical Engineering	209342	Fluid Mechanics	2003-04
512550710	Chemical Engineering	209343	Engineering Materials	2009-10
512550710	Chemical Engineering	209344	Process Calculations	1998-99
512550710	Chemical Engineering	209345	Introduction to Chemical Engineering	2013-14
512550710	Chemical Engineering	209346	Soft Skills	2013-14
512550710	Chemical Engineering	209354A	Audit Course-I (Engineering Skill)	2016-17
512550710	Chemical Engineering	209347	Chemistry - II	2004-05
512550710	Chemical Engineering	209348	Heat Transfer	1998-99
512550710	Chemical Engineering	209349	Principles of Design	2009-10
512550710	Chemical Engineering	209350	Chemical Engineering Thermodynamics-I	2009-10
512550710	Chemical Engineering	209351	Mechanical Operations	1998-99
512550710	Chemical Engineering	209352	Workshop Practices	1998-99
512550710	Chemical Engineering	209354C	Audit Course-II (Value Education)	2016-17
512550710	Chemical Engineering	309341	Chemical Engineering Mathematics	1998-99
512550710	Chemical Engineering	309342	Mass Transfer-I	1998-99
512550710	Chemical Engineering	309343	Industrial Organization & Management	1998-99
512550710	Chemical Engineering	309344	Chemical Process Technology	2010-11
512550710	Chemical Engineering	309345	Chemical Engineering Thermodynamics-II	2010-11
512550710	Chemical Engineering	309346	Computer Aided Chemical Engineering-I	2010-11
512550710	Chemical Engineering	309348	Chemical Reaction Engineering-I	1998-99
512550710	Chemical Engineering	309349	Transport Phenomena	1998-99
512550710	Chemical Engineering	309350	Chemical Engineering Design-I	2011-12
512550710	Chemical Engineering	309351	Mass Transfer-II	1998-99
512550710	Chemical Engineering	309352	Process Instrumentation & Control	1998-99
512550710	Chemical Engineering	309353	Seminar	1998-99
512550710	Chemical Engineering	409341	Process Dynamics and Control	1998-99
512550710	Chemical Engineering	409342	Chemical Reaction Engineering II	1998-99
512550710	Chemical Engineering	409343	Chemical Engineering Design II	2011-12
512550710	Chemical Engineering	409344	1. Environmental Engineering	1998-99
512550710	Chemical Engineering	409344	2. Membrane Technology	1998-99

512550710	Chemical Engineering	409344	3. Corrosion Engineering	2011-12
512550710	Chemical Engineering	409344	4. Petroleum Refining	2011-12
512550710	Chemical Engineering	409345	1. Chemical Process Synthesis	2011-12
512550710	Chemical Engineering	409345	2. Industrial Management & Entrepreneurship	2011-12
512550710	Chemical Engineering	409345	3. Piping Design & Engineering	2011-12
512550710	Chemical Engineering	409345	4. Advance Separation Processes	2011-12
512550710	Chemical Engineering	409347	Computer Aided Chemical Engineering II	2010-11
512550710	Chemical Engineering	409348	Project Phase I	2015-16
512550710	Chemical Engineering	409349	Process Modeling and Simulation	1998-99
512550710	Chemical Engineering	409350	Process Engineering Costing & Plant Design	1998-99
512550710	Chemical Engineering	409351	1. Energy Conservation In Chemical Process Industries	2011-12
512550710	Chemical Engineering	409351	2. Chemical Process Safety	2011-12
512550710	Chemical Engineering	409351	3. Food Technology	2011-12
512550710	Chemical Engineering	409351	4. Advanced Materials	2011-12
512550710	Chemical Engineering	409352	1. Catalysis	2011-12
512550710	Chemical Engineering	409352	2. Nanotechnology	2011-12
512550710	Chemical Engineering	409352	3. Fuel Cell Technology	2011-12
512550710	Chemical Engineering	409352	4. Petrochemical Engineering	2011-12
512550710	Chemical Engineering	409353	Project Phase II	2015-16
512524510	Computer Engineering	210241	Discrete Structures	2008-09
512524510	Computer Engineering	210242	Data Structures and Problem Solving	2008-09
512524510	Computer Engineering	210243	Digital Electronics and Logic Design	2008-09
512524510	Computer Engineering	210244	Operating System and Administration	2013-14
512524510	Computer Engineering	210245	Microprocessor Architecture	2013-14
512524510	Computer Engineering	210247	Object Oriented and Multi core Programming	2013-14
512524510	Computer Engineering	210248	Microprocessors and Interfacing Techniques	2008-09
512524510	Computer Engineering	210249	Computer Graphics and Gaming	2008-09
512524510	Computer Engineering	210250	Computer Organization	2008-09
512524510	Computer Engineering	207003	Engineering Maths - III	1999-00
512524510	Computer Engineering	210241	Discrete Mathematics	2016-17
512524510	Computer Engineering	210243	Data Structures and Algorithms	2016-17

512524510	Computer Engineering	210244	Computer Organization and Architecture	2016-17
512524510	Computer Engineering	210245	Object Oriented Programming	2016-17
512524510	Computer Engineering	210250	Audit Course 1	2016-17
512524510	Computer Engineering	210251	Computer Graphics	2008-09
512524510	Computer Engineering	210252	Advanced Data Structures	2016-17
512524510	Computer Engineering	210253	Microprocessor	2016-17
512524510	Computer Engineering	210254	Principles of Programming Languages	2016-17
512524510	Computer Engineering	210258	Audit Course 2	2016-17
512524510	Computer Engineering	310241	Database Management Systems	2010-11
512524510	Computer Engineering	310242	Data Communications	2010-11
512524510	Computer Engineering	310243	Microprocessors and Microcontrollers	2010-11
512524510	Computer Engineering	310244	Digital Signal Processing	2008-19
512524510	Computer Engineering	310245	Theory of Computation	2008-09
512524510	Computer Engineering	310249	Principles of Programming Languages	2010-11
512524510	Computer Engineering	310250	Computer Networks	2010-11
512524510	Computer Engineering	310251	Finance and Management Information Systems	2010-11
512524510	Computer Engineering	310252	Systems Programming & Operating Systems	2010-11
512524510	Computer Engineering	310253	Software Engineering	2010-11
512524510	Computer Engineering	310255	Computer Networks	2010-11
512524510	Computer Engineering	310242	Operating Systems Design	2014-15
512524510	Computer Engineering	310243	Data Communication and Wireless Sensor Networks	2014-15
512524510	Computer Engineering	310244	Database Management Systems Applications	2014-15
512524510	Computer Engineering	310245	Computer Forensic and Cyber Applications	2014-15
512524510	Computer Engineering	310249	Principles of Concurrent and Distributed Programming	2014-15
512524510	Computer Engineering	310250	Embedded Operating Systems	2014-15
512524510	Computer Engineering	310251	Computer Networks	2008-09
512524510	Computer Engineering	310252	Software Engineering	2008-09
512524510	Computer Engineering	310253	Digital Signal Processing Applications	2008-09
512524510	Computer Engineering	310242	Database Management Systems (DBMS)	2017-18
512524510	Computer Engineering	310243	Software Engineering & Project Management	2017-18

512524510	Computer Engineering	310244	Information Systems & Engineering Economics	2017-18
512524510	Computer Engineering	310245	Computer Networks	2008-09
512524510	Computer Engineering	310249	Audit Course 3	2017-18
512524510	Computer Engineering	310251	Systems Programming & Operating System (SP & OS)	2017-18
512524510	Computer Engineering	310252	Embedded Systems & Internet of Things (ES & IoT)	2017-18
512524510	Computer Engineering	310253	Software Modeling and Design	2017-18
512524510	Computer Engineering	310254	Web Technology	2017-18
512524510	Computer Engineering	310255	Seminar & Technical Communication	2017-18
512524510	Computer Engineering	310259	Audit Course 4	2017-18
512524510	Computer Engineering	410441	Design & Analysis of Algorithms	2008-09
512524510	Computer Engineering	410442	Principles of Compiler Design	2011-12
512524510	Computer Engineering	410443	Object Oriented Modeling & Design	2011-12
512524510	Computer Engineering	410444(1)	Image Processing	2011-12
512524510	Computer Engineering	410444(2)	Design & Analysis of Computer Networks	2011-12
512524510	Computer Engineering	410444(3)	Artificial Intelligence	2011-12
512524510	Computer Engineering	410444(4)	Software Architecture	2011-12
512524510	Computer Engineering	410445(1)	Multimedia Systems	2011-12
512524510	Computer Engineering	410445(2)	Mobile Computing	2011-12
512524510	Computer Engineering	410445(3)	Embedded Systems	2011-12
512524510	Computer Engineering	410445(4)	Software Testing & Quality Assurance	2011-12
512524510	Computer Engineering	410448	Distributed Operating Systems	2011-12
512524510	Computer Engineering	410449	Advanced Computer Architecture	2011-12
512524510	Computer Engineering	410450(1)	Pattern Recognition	2011-12
512524510	Computer Engineering	410450(2)	High Performance networks	2011-12
512524510	Computer Engineering	410450(3)	Neural Networks	2011-12
512524510	Computer Engineering	410450(4)	Advanced Databases	2011-12
512524510	Computer Engineering	410451(1)	VLSI & Digital System Design	2011-12
512524510	Computer Engineering	410451(2)	Operations Research	2011-12
512524510	Computer Engineering	410451(3)	Cloud Computing	2011-12
512524510	Computer Engineering	410451(4)	Information Security	2011-12
512524510	Computer Engineering	410442	Principal of Modern Compiler Design	2015-16
512524510	Computer Engineering	410443	Smart System Design and Application	2015-16
512524510	Computer Engineering	410444(1)	Image Processing	2008-09

512524510	Computer Engineering	410444(2)	Computer Network Design and Modeling	2008-09
512524510	Computer Engineering	410444(3)	Advanced Computer Programming	2008-09
512524510	Computer Engineering	410444(4)	Data Mining Techniques and Applications	2008-09
512524510	Computer Engineering	410445(1)	Problem Solving with Gamification	2008-09
512524510	Computer Engineering	410445(2)	Pervasive Computing	2008-09
512524510	Computer Engineering	410445(3)	Embedded Security	2008-09
512524510	Computer Engineering	410445(4)	Multidisciplinary NLP	2008-09
512524510	Computer Engineering	410449	Software Design Methodology and Testing	2015-16
512524510	Computer Engineering	410450	High Performance Computing	2015-16
512524510	Computer Engineering	410451(1)	Mobile Computing	2008-09
512524510	Computer Engineering	410451(2)	Web Technology	2008-09
512524510	Computer Engineering	410451(3)	Cloud Computing	2008-09
512524510	Computer Engineering	410451(4)	Cyber Security	2008-09
512524510	Computer Engineering	410452(1)	Business Analytic and Intelligence	2008-09
512524510	Computer Engineering	410452(2)	Operations Research for Algorithms in Scientific Applications	2008-09
512524510	Computer Engineering	410452(3)	Mobile Applications	2008-09
512524510	ME Computer Engineering	510101	Applied Algorithms	2008-09
512524510	ME Computer Engineering	510102	High Performance Databases	2013-14
512524510	ME Computer Engineering	510103	Advanced Computer Architecture	2013-14
512524510	ME Computer Engineering	510104	Research Methodology	2013-14
512524510	ME Computer Engineering	510105A	Intelligent Systems	2008-09
512524510	ME Computer Engineering	510105B	IR and Web Mining	2008-09
512524510	ME Computer Engineering	510105C	Machine Learning and Translation	2008-09
512524510	ME Computer Engineering	510105D	Open Elective /Real Time Systems	2008-09
512524510	ME Computer Engineering	510107	Operating System Design	2013-14
512524510	ME Computer Engineering	510108	Software Design and Architecture	2013-14

512524510	ME Computer Engineering	510109	Advanced Computer Networks	2013-14
512524510	ME Computer Engineering	510110A	Business Intelligence and Data Mining	2008-09
512524510	ME Computer Engineering	510110B	Usability Engineering	2008-09
512524510	ME Computer Engineering	510110C	Advanced Complier Design	2008-09
512524510	ME Computer Engineering	510110D	Embedded System Design	2008-09
512524510	ME Computer Engineering	510102	Bio-Inspired Optimization Algorithms	2017-18
512524510	ME Computer Engineering	510103	Software Development and Version Control	2017-18
512524510	ME Computer Engineering	510104	Embedded and Real Time Operating Systems	2017-18
512524510	ME Computer Engineering	510105A	Advanced Digital Signal Processing	2008-09
512524510	ME Computer Engineering	510105B	Data Mining	2008-09
512524510	ME Computer Engineering	510105C	Network Design and Analysis	2008-09
512524510	ME Computer Engineering	510105D	Data Algorithms	2008-09
512524510	ME Computer Engineering	510108	Operations Research	2017-18
512524510	ME Computer Engineering	510109	System Simulation and Modeling	2017-18
512524510	ME Computer Engineering	510110	Machine Learning	2017-18
512524510	ME Computer Engineering	510111A	Image Processing	2008-09
512524510	ME Computer Engineering	510111C	Pervasive and Ubiquitous Computing	2008-09
512524510	ME Computer Engineering	510111D	Network Security	2008-09
512524510	ME Computer Engineering	510111B	Web Mining	2008-09
512524510	ME Computer Engineering	610101	Advanced Storage Systems and Infrastructure Management	2014-15
512524510	ME Computer Engineering	610102	Advanced Unix Programming	2014-15
512524510	ME Computer Engineering	610103A	Network Security	2014-15

512524510	ME Computer Engineering	610103B	Cloud Computing	2014-15
512524510	ME Computer Engineering	610103C	Computer Vision and Pattern Recognition	2014-15
512529310	Electrical Engineering	203141	Power Generation Technologies	2013-14
512529310	Electrical Engineering	207006	Engineering Mathematics-III	1998-99
512529310	Electrical Engineering	203142	Material Science	1998-99
512529310	Electrical Engineering	203143	Analog and Digital Electronics	1998-99
512529310	Electrical Engineering	203144	Electrical Measurements and Instrumentation	1998-99
512529310	Electrical Engineering	203151	Soft Skills	2013-14
512529310	Electrical Engineering	203145	Power System -I	1998-99
512529310	Electrical Engineering	203146	Electrical Machine I	1998-99
512529310	Electrical Engineering	203147	Network analysis	1998-99
512529310	Electrical Engineering	203148	Numerical methods and computer programing	2013-14
512529310	Electrical Engineering	203149	fundamentals of Microcontrollers & Applications	2016-17
512529310	Electrical Engineering	311121	Engineering Economics & Management	1998-99
512529310	Electrical Engineering	303141	Micro-controller Applications	1998-99
512529310	Electrical Engineering	303142	Electrical Machine II	1998-99
512529310	Electrical Engineering	303143	Power Electronics	1998-99
512529310	Electrical Engineering	303144	Elecrical Installation Maintenanece & testing	1998-99
512529310	Electrical Engineering	303145	Power System-II	1998-99
512529310	Electrical Engineering	303146	Energy audit and manegment	2010-2011
512529310	Electrical Engineering	303147	Utilization of Electrical Energy	2010-2011
512529310	Electrical Engineering	303148	Design of Electrical Machines	2010-2011
512529310	Electrical Engineering	303149	control system 1	2010-2011
512529310	Electrical Engineering	303151	Electrical Workshop	2014-15
512529310	Electrical Engineering	303145	Seminar and Technical Communication	2014-15
512529310	Electrical Engineering	403141	PLC and SCADA appication	2011-12
512529310	Electrical Engineering	403142	Power system operation and control	2011-12
512529310	Electrical Engineering	403148	Power electronics controlled drives	2016-17
512529310	Electrical Engineering	403143	Elective I Power quality	2011-12
512529310	Electrical Engineering	403144	Elective II Smart Grid	2011-12
512529310	Electrical Engineering	403145	Control System II	2011-12
512529310	Electrical Engineering	403147	Switchgear & Protection	2011-12
512529310	Electrical Engineering	403148	Industrial Drives & Control	2011-12

512529310	Electrical Engineering	403149	Elective III (High voltage Engg.)	2011-12
512529310	Electrical Engineering	403150	Elective IV (Renewable Energy System)	2011-12
512529310	Electrical Engineering	203151	Soft Skills	2016-17
512529310	Electrical Engineering		Audit Course I Solar Thermal Systems	2016-17
512529310	Electrical Engineering	203155	Audit Course II	2016-17
512529310	Electrical Engineering	311121	Industrial and Technology Management	2014-15
512529310	Electrical Engineering	403146	Project	2015-16
512529310	Electrical Engineering	403146	Project (Stage II)	2015-16
512529310	Electrical Engineering	303145	Audit Course III	2017-18
512529310	Electrical Engineering	303153	Audit Course IV	2017-18
512537210	Electronics and Telecommunication Enginnering	204181	Signals & Systems	2005-06
512537210	Electronics and Telecommunication Enginnering	204182	Electronic Devices & Circuits	2005-06
512537210	Electronics and Telecommunication Enginnering	204183	Network Theory	2005-06
512537210	Electronics and Telecommunication Enginnering	204184	Data structures & Algorithms	2005-06
512537210	Electronics and Telecommunication Enginnering	204185	Digital Electronics	2005-06
512537210	Electronics and Telecommunication Enginnering	204186	Electronic Measuring Instruments & Tools	2005-06
512537210	Electronics and Telecommunication Enginnering	207005	Engineering Maths-III	2005-06
512537210	Electronics and Telecommunication Enginnering	204187	Integrated Circuits	2005-06
512537210	Electronics and Telecommunication Enginnering	204188	Control Systems	2005-06
512537210	Electronics and Telecommunication Enginnering	204189	Analog Communication	2005-06
512537210	Electronics and Telecommunication Enginnering	204190	Computer Organization	2005-06

512537210	Electronics and Telecommunication Enginnering	204191	Object Oriented Programming	2005-06
512537210	Electronics and Telecommunication Enginnering	204192	Soft Skills	2013 14
512537210	Electronics and Telecommunication Enginnering	304181	Control systems	2006 07
512537210	Electronics and Telecommunication Enginnering	304182	Digital communication	2006 07
512537210	Electronics and Telecommunication Enginnering	304183	Network synthesis and Filter Design	2006 07
512537210	Electronics and Telecommunication Enginnering	304184	Microcontrollers & Application	2006 07
512537210	Electronics and Telecommunication Enginnering	304185	Digital Signal Processing	2006 07
512537210	Electronics and Telecommunication Enginnering	304186	Electronic Design Practice	2006 07
512537210	Electronics and Telecommunication Enginnering	304187	Signal Coding and Estimation Theory	2006 07
512537210	Electronics and Telecommunication Enginnering	304188	System programming and OS	2006 07
512537210	Electronics and Telecommunication Enginnering	304189	Computer Organization and Architecture	2006 07
512537210	Electronics and Telecommunication Enginnering	304190	Industrial management	2006 07
512537210	Electronics and Telecommunication Enginnering	304191	Wave Theory and Antennas	2006 07
512537210	Electronics and Telecommunication Enginnering	304192	Mini project & Seminar	2006 07
512537210	Electronics and Telecommunication Enginnering	304193	Test and Measurement Techniques	2006 07

512537210	Electronics and Telecommunication Enginnering	404181	Electronics Product Design	2011 12
512537210	Electronics and Telecommunication Enginnering	404182	Vlsi Design & Technology	2011 12
512537210	Electronics and Telecommunication Enginnering	404183	Computer Network	2011 12
512537210	Electronics and Telecommunication Enginnering	404184	Embedded System And Rtos	2011 12
512537210	Electronics and Telecommunication Enginnering	404185	Mobile Communication	2011 12
512537210	Electronics and Telecommunication Enginnering	404186	Project (Part-1)	2011 12
512537210	Electronics and Telecommunication Enginnering	404187	Telecommunication & Switching System	2011 12
512537210	Electronics and Telecommunication Enginnering	404188	Optical Fiber Communication	2011 12
512537210	Electronics and Telecommunication Enginnering	404189	Television And Video Engineering	2011 12
512537210	Electronics and Telecommunication Enginnering	404190	Plc And Industrial Process Automation	2011 12
512537210	Electronics and Telecommunication Enginnering	404191	Project (Part-I)	2013 14
512537210	Electronics and Telecommunication Enginnering	304184	Electromagnetics and Transmission Lines	2007 08
512537210	Electronics and Telecommunication Enginnering	304186	Digital Communication and Signal Processing Lab	2007 08
512537210	Electronics and Telecommunication Enginnering	304187	System Programming and Microcontroller Applications Lab	2007 08
512537210	Electronics and Telecommunication Enginnering	304188	Employability Skills in Electronics Design	2007 08

512537210	Electronics and Telecommunication Enginnering	304189	Information Theory and Coding Techniques	2007 08
512537210	Electronics and Telecommunication Enginnering	304190	Antenna and Wave Propagation	2014 15
512537210	Electronics and Telecommunication Enginnering	304191	Embedded Processors	2014 15
512537210	Electronics and Telecommunication Enginnering	304193	Power Electronics	2007 08
512537210	Electronics and Telecommunication Enginnering	304194	Communication Lab	2007 08
512537210	Electronics and Telecommunication Enginnering	304195	Power Electronics and Embedded Lab	2007 08
512537210	Electronics and Telecommunication Enginnering	404183	Microwave Engineering	2008 09
512537210	Electronics and Telecommunication Enginnering	404186	Lab Practice I (CN & MWE)	2008 09
512537210	Electronics and Telecommunication Enginnering	404187	Lab Practice II (VLSI &Elective I)	2008 09
512537210	Electronics and Telecommunication Enginnering	404188	Project Phase I	2008 09
512537210	Electronics and Telecommunication Enginnering	404190	Broadband Communication Systems	2008 09
512537210	Electronics and Telecommunication Enginnering	404191	Audio Video Engineering	2008 09
512537210	Electronics and Telecommunication Enginnering	404192	Nano Electronics & MEMS	2008 09
512537210	Electronics and Telecommunication Enginnering	404193	Lab Practice III(MC & BCS)	2008 09
512537210	Electronics and Telecommunication Enginnering	404194	Lab Practice IV(Elective III)	2008 09

512537210	Electronics and Telecommunication Enginnering	404195	Project Phase II	2008 09
512537210	Electronics and Telecommunication Enginnering	404183	Electrical Circuits and Machines	2016 17
512537210	Electronics and Telecommunication Enginnering	404192	Audit Course 1	2016 17
512537210	Electronics and Telecommunication Enginnering	404191	Employability Skill Development	2016 17
512537210	Electronics and Telecommunication Enginnering	404193	Audit Course 2	2016 17
512537210	Electronics and Telecommunication Enginnering	304185	Signal Processing and Communications Lab (DC/DSP)	2006 07
512537210	Electronics and Telecommunication Enginnering	304191	Microcontrollers and Mechatronics Lab	2006 07
512537210	Electronics and Telecommunication Enginnering	304192	Electronics System Design	2006 07
512537210	Electronics and Telecommunication Enginnering	304189	Advanced Processors	2017 18
512537210	Electronics and Telecommunication Enginnering	304194	Power and ITCT Lab	2006 07
512537210	Electronics and Telecommunication Enginnering	304195	Advanced Processors and System Prograaming. Lab	2006 07
512524610	Information Technology	214441	Discrete structure	2010-11
512524610	Information Technology	214442	Computer Organization & Architecture	2015-16
512524610	Information Technology	214443	Digital Electronics & Logic Design	2010-11
512524610	Information Technology	214444	Fundamentals of Data Structures	2010-11
512524610	Information Technology	214445	Problem solving & Object oriented programming	2013-14
512524610	Information Technology	207003	Engineering Mathematics-III	2010-11

512524610	Information Technology	214450	Computer Graphics	2010-11
512524610	Information Technology	214451	Processor Architecture & Interfacing	2010-11
512524610	Information Technology	214452	Data Structures & Files	2010-11
512524610	Information Technology	214453	Foundation of communication & computer network	2015-16
512524610	Information Technology	214442	Computer Organization	2010-11
512524610	Information Technology	214452	Foundation of computer network	2013-14
512524610	Information Technology	314441	Theory of computation	2011-12
512524610	Information Technology	314442	Database management systems	2011-12
512524610	Information Technology	314443	Software Engineering & Project management	2016-17
512524610	Information Technology	314444	Operating System	2016-17
512524610	Information Technology	314445	Human computer Interaction	2016-17
512524610	Information Technology	314450	Computer Network Technology	2016-17
512524610	Information Technology	314451	Systems Programming	2014-15
512524610	Information Technology	314452	Design & Analysis of Algorithms	2011-12
512524610	Information Technology	314453	Cloud computing	2016-17
512524610	Information Technology	314454	Data science & Big data analytics	2017-18
512524610	Information Technology	314444	Software Engineering	2011-12
512524610	Information Technology	314445	Web Engineering & Technology	2014-15
512524610	Information Technology	314452	Multimedia Technologies	2014-15
512524610	Information Technology	314453	Information Tech Project Management	2014-15
512524610	Information Technology	314448	System software programming	2011-12
512524610	Information Technology	314449	Management information system	2011-12
512524610	Information Technology	314450	Programming paradigms	2011-12

512524610	Information Technology	314451	Human computer Interaction & Usability	2017-18
512524610	Information Technology	414453	Information & Cyber Security	2015-16
512524610	Information Technology	414454	Software Modeling & Design	2015-16
512524610	Information Technology	414455	Machine Learning	2015-16
512524610	Information Technology	414456	Elective-I	2015-16
512524610	Information Technology	414457	Elective-II	2015-16
512524610	Information Technology	414461	Distributed System	2012-13
512524610	Information Technology	414462	Advanced Database	2015-16
512524610	Information Technology	414463	Elective-III	2015-16
512524610	Information Technology	414464	Elective-IV	2015-16
512524610	Information Technology	414441	Information Assurance & Security	2011-12
512524610	Information Technology	410443	Object oriented modeling & Design	2011-12
512524610	Information Technology	414442	Software Testing & Quality Assurance	2011-12
512524610	Information Technology	414449	Information Retrieval	2011-12
512561210	Mechanical Engineering	207002	Engineering Mathematics III	1999-00
512561210	Mechanical Engineering	202041	Manufacturing Processes - I	1999-00
512561210	Mechanical Engineering	202042	Computer Aided Machine Drawing	1999-00
512561210	Mechanical Engineering	202043	Thermodynamics	1999-00
512561210	Mechanical Engineering	202044	Material Science	1999-00
512561210	Mechanical Engineering	202045	Fluid Mechanics	1999-00
512561210	Mechanical Engineering	205046	Workshop Practice II	1999-00
512561210	Mechanical Engineering	202047	Soft Skill	2013-14
512561210	Mechanical Engineering	202048	Theory of Machines - I	1999-00

512561210	Mechanical Engineering	202049	Engineering Metallurgy	1999-00
512561210	Mechanical Engineering	202050	Applied Thermodynamics	1999-00
512561210	Mechanical Engineering	202051	Strength of Materials	1999-00
512561210	Mechanical Engineering	203152	Electronics and Electrical Engineering	1999-00
512561210	Mechanical Engineering	202053	Machine Shop - I	1999-00
512561210	Mechanical Engineering	202055	Audit Course	2016-17
512561210	Mechanical Engineering	302041	Design of Machine Elements - I	2000-01
512561210	Mechanical Engineering	302042	Heat Transfer	2000-01
512561210	Mechanical Engineering	302043	Theory of Machines - II	2000-01
512561210	Mechanical Engineering	302044	Turbo Machines	2000-01
512561210	Mechanical Engineering	302044	Metrology and Quality Control	2000-01
512561210	Mechanical Engineering	302045	Hydraulics and Pneumatics	2014-15
512561210	Mechanical Engineering	302046	Skill Development	2000-01
512561210	Mechanical Engineering	302047	Numerical Methods and Optimization	2000-01
512561210	Mechanical Engineering	302048	Design of Machine Elements - II	2000-01
512561210	Mechanical Engineering	302050	Mechatronics	2000-01
512561210	Mechanical Engineering	302051	Manufacturing Processes - II	2000-01
512561210	Mechanical Engineering	302052	Machine Shop - II	2000-01
512561210	Mechanical Engineering	302053	Seminar	2000-01
512561210	Mechanical Engineering	302054	Audit Course	2000-01
512561210	Mechanical Engineering	402041	Refrigeration and Air Conditioning	2015-16
512561210	Mechanical Engineering	402042	CAD/CAM Automation	2001-02
512561210	Mechanical Engineering	402043	Dynamics of Machinery	2001-02

512561210	Mechanical Engineering	402044	Elective - I (Energy Audit and Management)	2001-02
512561210	Mechanical Engineering	402045	Elective - II (Advanced Manufacturing Processes, Operation Research)	2001-02
512561210	Mechanical Engineering	402046	Project - I	2001-02
512561210	Mechanical Engineering	402047	Power plant Engineering	2001-02
512561210	Mechanical Engineering	402048	Mechanical System Design	2001-02
512561210	Mechanical Engineering	402049	Elective - III (Industrial Eng., Automobile Eng.)	2001-02
512561210	Mechanical Engineering	402050	Elective - IV (Design of Pumps Blowers and Compressors)	2001-02
512561210	Mechanical Engineering	402051	Project - II	2001-02
512560110	M.E Mechanical Design	507201	Advanced Engineering Mathematics	2010-11
512560110	M.E Mechanical Design	502202	Material Science and Mechanical Behavior of Materials	2013-14
512560110	M.E Mechanical Design	502203	Advanced Stress Analysis	2010-11
512560110	M.E Mechanical Design	502204	Research Methodology	2013-14
512560110	M.E Mechanical Design	502205	Elective-I Energy Audit &Management Project Management Environmental Pollution & Control	2010-11
512560110	M.E Mechanical Design	502207	Analysis and Synthesis of Mechanisms	2010-11
512560110	M.E Mechanical Design	502208	Advanced Mechanical Vibration	2010-11
512560110	M.E Mechanical Design	502209	Finite Element Method	2010-11
512560110	M.E Mechanical Design	502210	Elective-II Vehicle Dynamics-I Acoustic & Noise Control-I Process Equipment Design	2010-11
512560110	M.E Mechanical Design	602213	Optimization Techniques	2011-12
512560110	M.E Mechanical Design	602214	Mechanical Measurements and Control	2011-12

512560110	M.E Mechanical Design	602215	Elective- III Industrial Tribology-I Industrial Tribology-II Reliability Engineering	2011-12
	First Year Engineering	107001	Engineering Mathematics - I(TH)	1998-99
	First Year Engineering	107002	Engineering Physics(TH)	1998-99
	First Year Engineering	107009	Engineering Chemistry (Th)	1998-99
	First Year Engineering	101005	Basic Civil & Environmental engineering(TH)	1998-99
	First Year Engineering	103004	Basic Electrical Engineering(TH)	1998-99
	First Year Engineering	104012	Basic Electronics Engineering (Th)	1998-99
	First Year Engineering	102006	Engineering Graphics-I(TH)	1998-99
	First Year Engineering	110003	Fundamentals of Programming Language-I	1998-99
	First Year Engineering	111007	Workshop Practice	1998-99
	First Year Engineering	107008	Engineering Mathematics-II	1998-99
	First Year Engineering	107002	Engineering Physics(TH)	1998-99
	First Year Engineering	107009	Engineering Chemistry	1998-99
	First Year Engineering	102013	Basic Mechanical Engineering	1998-99
	First Year Engineering	101011	Engineering Mechanics	1998-99
	First Year Engineering	103004	Basic Electrical Engineering(TH)	1998-99
	First Year Engineering	104012	Basic Electronics Engineering	1998-99
	First Year Engineering	110010	Fundamentals of Programming Language-II	1998-99
	First Year Engineering	102014	Engineering Graphics-II	1998-99
512510110	MBA-I(SEM-I)	101	Accounting for business decisions	2013-14
512510110	MBA-I(SEM-I)	102	Economic analysis for business decisions	2013-14
512510110	MBA-I(SEM-I)	103	Legal aspects of business	2013-14
512510110	MBA-I(SEM-I)	104	Business research methods	2013-14
512510110	MBA-I(SEM-I)	105	Organizational behavior	2013-14
512510110	MBA-I(SEM-I)	106	Basics of marketing	2013-14
512510110	MBA-I(SEM-I)	108	Business communication lab	2013-14
512510110	MBA-I(SEM-I)	110	Selling & negotiation skills lab	2013-14
512510110	MBA-I(SEM-I)	113	Personality development lab	2013-14
512510110	MBA-I(SEM-I)	115	Enterprise analysis - desk research	2013-14
512510110	MBA-I(SEM-I)	191	Human right-I	2014-15
512510110	MBA-I(SEM-I)	192	Cyber security -I	2014-15
512510110	MBA-I(SEM-II)	201	Marketing management	2013-14

512510110	MBA-I(SEM-II)	202	Financial management	2013-14
512510110	MBA-I(SEM-II)	203	Human resource management	2013-14
512510110	MBA-I(SEM-II)	204	Decision science	2013-14
512510110	MBA-I(SEM-II)	205	Operations & supply chain management	2013-14
512510110	MBA-I(SEM-II)	206	Management information systems	2013-14
512510110	MBA-I(SEM-II)	211	Geopolitics & the world economic system	2013-14
512510110	MBA-I(SEM-II)	213	Computer aided personal productivity tools lab	2013-14
512510110	MBA-I(SEM-II)	215	Industry analysis - desk research	2013-14
512510110	MBA-I(SEM-II)	210	Life skills	2013-14
512510110	MBA-I(SEM-II)	291	Human right-ii	2014-15
512510110	MBA-I(SEM-II)	292	Cyber security -ii	2014-15
512510110	MBA-II(SEM-III)	301	Strategic management	2016-17
512510110	MBA-II(SEM-III)	302	Enterprise performance management	2016-17
512510110	MBA-II(SEM-III)	303	Startup and new venture management	2016-17
512510110	MBA-II(SEM-III)	304	Summer internship project	2016-17
512510110	MBA-II(SEM-III) Marketing Management	305MKT	Contemporary marketing research	2016-17
512510110	MBA-II(SEM-III) Marketing Management	306MKT	Consumer behavior	2016-17
512510110	MBA-II(SEM-III) Marketing Management	307MKT	Integrated marketing communications	2016-17
512510110	MBA-II(SEM-III) Marketing Management	309MKT	Strategic brand management	2016-17
512510110	MBA-II(SEM-III) Marketing Management	312MKT	Customer relationship management	2016-17
512510110	MBA-II(SEM-III) Marketing Management	315MKT	Marketing of financial services - i	2016-17
512510110	MBA-II(SEM-III) Finance	305 FIN	Direct taxation	2016-17
512510110	MBA-II(SEM-III) Finance	306 FIN	Financial system of india , markets and services	2016-17
512510110	MBA-II(SEM-III) Finance	307 FIN	Strategic cost management	2016-17

512510110	MBA-II(SEM-III) Finance	309 FIN	Corporate finance	2016-17
512510110	MBA-II(SEM-III) Finance	313 FIN	Banking operations - i	2016-17
512510110	MBA-II(SEM-III) Finance	315 FIN	Futures and options	2016-17
512510110	MBA-II(SEM-III) Human Resource	305 HR	Labour & social security laws	2016-17
512510110	MBA-II(SEM-III) Human Resource	306 HR	Human resource accounting & compensation management	2016-17
512510110	MBA-II(SEM-III) Human Resource	307 HR	Employee health, safety& welfare	2016-17
512510110	MBA-II(SEM-III) Human Resource	308 HR	Compensation management	2016-17
512510110	MBA-II(SEM-III) Human Resource	312 HR	Public relations & corporate communication	2016-17
512510110	MBA-II(SEM-III) Human Resource	314 HR	Lab in recruitment and selection	2016-17
512510110	MBA-II(SEM-III) Operation	305 OPE	Planning & control of operations	2016-17
512510110	MBA-II(SEM-III) Operation	306 OPE	Inventory management	2016-17
512510110	MBA-II(SEM-III) Operation	310 OPE	Manufacturing resource planning	2016-17
512510110	MBA-II(SEM-III) Operation	311 OPE	Technology management	2016-17
512510110	MBA-II(SEM-III) Operation	312 OPE	Six sigma	2016-17
512510110	MBA-II(SEM-III) Operation	315 OPE	Project management	2016-17
512510110	MBA-II(SEM-III) Rural Agri Business Management	305RABM	Agriculture and indian economy	2016-17
512510110	MBA-II(SEM-III) Rural Agri Business Management	306RABM	Rural marketing i	2016-17
512510110	MBA-II(SEM-III) Rural Agri Business Management	312RABM	Agricultural marketing	2016-17
512510110	MBA-II(SEM-III) Rural Agri Business Management	313RABM	Rural research methods	2016-17

512510110	MBA-II(SEM-III) Rural Agri Business Management	314RABM	Rural banking	2016-17
512510110	MBA-II(SEM-III) Rural Agri Business Management	315RABM	Agrisupply chains management	2016-17
512510110	MBA-II(SEM-III) Information Technology	305 IT	It management and cyber laws	2016-17
512510110	MBA-II(SEM-III) Information Technology	306 IT	E-business and business intelligence	2016-17
512510110	MBA-II(SEM-III) Information Technology	308 IT	Mobile computing with android	2016-17
512510110	MBA-II(SEM-III) Information Technology	311 IT	E-learning	2016-17
512510110	MBA-II(SEM-III) Information Technology	312 IT	Software marketing	2016-17
512510110	MBA-II(SEM-III) Information Technology	313 IT	It for retailing	2016-17
512510110	MBA-II(SEM-III) Supply chain Management	305 SCM	Essentials of supply chain management	2016-17
512510110	MBA-II(SEM-III) Supply chain Management	306 SCM	Logistics management	2016-17
512510110	MBA-II(SEM-III) Supply chain Management	307 SCM	Managing material flow in supply chains	2016-17
512510110	MBA-II(SEM-III) Supply chain Management	308 SCM	Inventory management	2016-17
512510110	MBA-II(SEM-III) Supply chain Management	309 SCM	Purchasing & supplier relationship management – i	2016-17
512510110	MBA-II(SEM-III) Supply chain Management	310 SCM	Six sigma	2016-17

512510110	MBA-II(SEM-III) International Business Management	305 IB	International business economics	2016-17
512510110	MBA-II(SEM-III) International Business Management	306 IB	Export documentation and procedures	2016-17
512510110	MBA-II(SEM-III) International Business Management	307 IB	International management	2016-17
512510110	MBA-II(SEM-III) International Business Management	308 IB	International marketing	2016-17
512510110	MBA-II(SEM-III) International Business Management	312 IB	Global logistics & supply chains	2016-17
512510110	MBA-II(SEM-III) International Business Management	315 IB	Global strategic management	2016-17
512510110	MBA-II(SEM-IV)	401	Managing for sustainability	2016-17
512510110	MBA-II(SEM-IV)	402	Dissertation	2016-17
512510110	MBA-II(SEM-IV) Marketing Management	403MKT	Services marketing	2016-17
512510110	MBA-II(SEM-IV) Marketing Management	404MKT	Sales and distribution management	2016-17
512510110	MBA-II(SEM-IV) Marketing Management	405MKT	Retail marketing	2016-17
512510110	MBA-II(SEM-IV) Marketing Management	406MKT	Rural marketing	2016-17
512510110	MBA-II(SEM-IV) Marketing Management	410MKT	Marketing strategy	2016-17
512510110	MBA-II(SEM-IV) Marketing Management	413MKT	E-marketing and analytics	2016-17

512510110	MBA-II(SEM-IV) Finance Management	403 FIN	Indirect taxation	2017-18
512510110	MBA-II(SEM-IV) Finance Management	404 FIN	International finance	2016-17
512510110	MBA-II(SEM-IV) Finance Management	407 FIN	Financial risk management	2016-17
512510110	MBA-II(SEM-IV) Finance Management	409 FIN	Banking operations – ii	2016-17
512510110	MBA-II(SEM-IV) Finance Management	410 FIN	Wealth & portfolio management	2016-17
512510110	MBA-II(SEM-IV) Finance Management	412 FIN	Commodity markets	2016-17
512510110	MBA-II(SEM-IV) Human Resource management	403 HR	Employment relations	2016-17
512510110	MBA-II(SEM-IV) Human Resource management	404 HR	Strategic human resource management	2016-17
512510110	MBA-II(SEM-IV) Human Resource management	408 HR	Change management	2016-17
512510110	MBA-II(SEM-IV) Human Resource management	409 HR	Conflict & negotiation management	2016-17
512510110	MBA-II(SEM-IV) Human Resource management	411 HR	Lab in industrial relations	2016-17
512510110	MBA-II(SEM-IV) Human Resource management	413HR	Lab in mentoring and coaching	2016-17
512510110	MBA-II(SEM-IV) Operations Management	403 OPE	Operations strategy and research	2016-17
512510110	MBA-II(SEM-IV) Operations Management	404 OPE	Total quality management	2016-17
512510110	MBA-II(SEM-IV) Operations Management	405 OPE	Quality management standards	2016-17
512510110	MBA-II(SEM-IV) Operations Management	406 OPE	World class manufacturing	2016-17
512510110	MBA-II(SEM-IV) Operations Management	408 OPE	Enterprise resource planning	2016-17

512510110	MBA-II(SEM-IV) Operations Management	413 OPE	Lean manufacturing	2016-17
512510110	MBA-II(SEM-IV) Rural Agri Business Management	403RABM	Rural credit and finance	2016-17
512510110	MBA-II(SEM-IV) Rural Agri Business Management	404RABM	Rural marketing ii	2016-17
512510110	MBA-II(SEM-IV) Rural Agri Business Management	409RABM	Agricultural finance and project management	2016-17
512510110	MBA-II(SEM-IV) Rural Agri Business Management	411RABM	Intellectual property management	2016-17
512510110	MBA-II(SEM-IV) Rural Agri Business Management	412RABM	Food retail management	2016-17
512510110	MBA-II(SEM-IV) Rural Agri Business Management	413RABM	Agri-entrepreneurship	2016-17
512510110	MBA-II(SEM-IV) Information Technology	403 IT	Software project management	2016-17
512510110	MBA-II(SEM-IV) Information Technology	404 IT	Enterprise resource planning (erp)	2016-17
512510110	MBA-II(SEM-IV) Information Technology	405 IT	Web designing and multimedia	2016-17
512510110	MBA-II(SEM-IV) Information Technology	409 IT	Information security and audit	2016-17
512510110	MBA-II(SEM-IV) Information Technology	412 IT	E-governance	2016-17
512510110	MBA-II(SEM-IV) Information Technology	413 IT	Internet marketing	2016-17
512510110	MBA-II(SEM-IV) Supply chain management	403 SCM	Strategic supply chain management	2016-17
512510110	MBA-II(SEM-IV) Supply chain management	404 SCM	Knowledge Management in supply chains	2016-17

512510110	MBA-II(SEM-IV) Supply chain management	405 SCM	Green logistics & supply chains	2016-17
512510110	MBA-II(SEM-IV) Supply chain management	408 SCM	Supply chain risk management	2016-17
512510110	MBA-II(SEM-IV) Supply chain management	411 SCM	Supply chain management - financial perspectives	2016-17
512510110	MBA-II(SEM-IV) Supply chain management	412 SCM	Global logistics	2016-17
512510110	MBA-II(SEM-IV) International Business Management	403 IB	International business environment	2016-17
512510110	MBA-II(SEM-IV) International Business Management	404 IB	Indian economy and trade dependencies	2016-17
512510110	MBA-II(SEM-IV) International Business Management	405 IB	Environment & global competitiveness	2016-17
512510110	MBA-II(SEM-IV) International Business Management	409 IB	E commerce	2016-17
512510110	MBA-II(SEM-IV) International Business Management	410 IB	Enterprise resource planning	2016-17
512510110	MBA-II(SEM-IV) International Business Management	411 IB	Global hr	2016-17
512510110	MBA-II(SEM-IV) International Business Management	493	Cyber security -iv	2014-15
512510110	MBA-II(SEM-IV) International Business Management	494	Soft skills-ii	2014-15


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