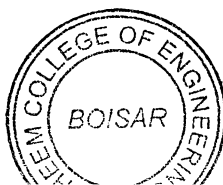


H. J. THIM TRUST'S
THEEM COLLEGE OF ENGINEERING, BOISAR
 Approved By AICTE (New Delhi) Government of Maharashtra & DTE
 Affiliated To University of Mumbai

Village Betegaon, Near Union Park, Boisar Chilhar Road, Boisar (E), Tal.-Dist.-Palghar, 401501. Tel: - (02525) 284909 / 284926,
 •Telefax : (02525) 284 927 •Email ID : info@theemcoe.org •Website : www.theemcoe.org

List of course offered across all programs during last five years

Program code	Program Name	Course Code	Course Name	Year of Introduction
322237610	Electronics S.E.(2013) III	EXS301	Applied Mathematics - III	2013-14
		EXC302	Electronic Devices	2013-14
		EXC303	Digital Circuits and Design	2013-14
		EXC304	Circuit Theory	2013-14
		EXC305	Electronic Instruments and Measurements	2013-14
		EXL301	Electronic Devices Laboratory	2013-14
		EXL302	Digital Circuits and Design Laboratory	2013-14
		EXL303	Circuit Theory and Measurements Laboratory	2013-14
		EXL304	Object Oriented Programming Laboratory	2013-14
322237610	Electronics S.E.(2014) IV	EXS 401	Applied Mathematics IV	2013-14
		EXC402	Discrete Electronic Circuits	2013-14
		EXC 403	Microprocessor and Peripherals	2013-14
		EXC404	Principles of Control Systems	2013-14
		EXC405	Fundamentals of Communication	2013-14
		EXC406	Electrical Machines	2013-14
		EXL401	Discrete Electronics Laboratory	2013-14

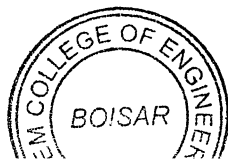



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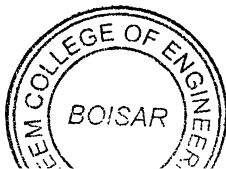
Village Betegaon, Near Union Park, Boisar Chilhar Road, Boisar (E), Tal.-Dist.-Palghar, 401501


		EXL402	Microprocessor and Peripherals Laboratory	2013-14
		EXL403	Control System and Electrical Machines	2013-14
		EXL 404	Communication Engineering Laboratory	2013-14
322237210	Electronics and Telecommunication Engineering (S.E.SEM III)2013	ETS301	Applied Mathematics - III	2013-14
		ETC302	Analog Electronics I	2013-14
		ETC303	Digital Electronics	2013-14
		ETC305	Circuits and Transmission Lines	2013-14
		ETC304	Electronic Instruments and Measurements	2013-14
		ETC306	Object Oriented Programming	2013-14
		ETL301	Analog Electronics I Laboratory	2013-14
		ETL302	Digital Electronics Laboratory	2013-14
		ETL303	Circuits and Measurement Laboratory	2013-14
		ETL304	Object Oriented Programming	2013-14
322237210	Electronics and Telecommunication Engineering(S.E SEM IV.)2014	ETS401	Applied Mathematics - IV	2013-14
		ETC402	Analog Electronics II	2013-14
		ETC403	Microprocessor and Peripherals	2013-14
		ETC404	Wave Theory and Propagation	2013-14
		ETC 405	Signals and Systems	2013-14
		ETC406	Control Systems	2013-14
		ETL401	Analog Electronics II Laboratory	2013-14
		ETL402	Microprocessor and Peripherals Laboratory	2013-14
		ETL403	SSW Laboratory	2013-14
		CSC301	Applied Mathematics III	2013-14



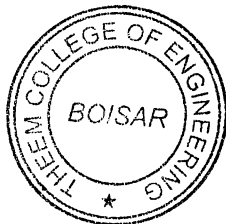
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322224510	Computer Engineering S.E.(2013) III	CSC 302	Object Oriented Programming Methodolgy	2013-14
		CSC303	Data Structures	2013-14
		CSC304	Digital Logic Design and Analysis	2013-14
		CSC305	Discrete Structures	2013-14
		CSC306	Electronic Circuits and Communication	2013-14
322224510	Computer Engineering S.E.(2014)IV	CSC401	Applied Mathematics - IV	2013-14
		CSC402	Analysis of Algorithms	2013-14
		CSC403	Computer Organization and Architecture	2013-14
		CSC404	Data Base Management systems	2013-14
		CSC405	Theoretical Computer Science	2013-14
322224510	Information and Technology (S.E.) SEM III 2013	SEITC301	Applied Mathematics	2013-14
		SEITC302	Data Structure and Algorithm Analysis	2013-14
		SEITC303	Object Oriented Programming	2013-14
		SEITC304	Analog and Digital Circuits	2013-14
		SEITC305	Database Management Systems	2013-14
		SEITC306	Principles of Analog and Digital Communication	2013-14
		SEITL302	Data Structure and Algorithm Analysis	2013-14
		SEITL303	Object Oriented Programming	2013-14
		SEITL304	Analog and Digital Circuits	2013-14
		SEITL305	Database Management Systems	2013-14
		SEITL306	Principles of Analog and Digital Communication	2013-14
		SEITC401	Applied Mathematics-IV	2013-14



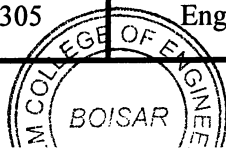

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 Boisar (East), Tal. & Dist. Palghar-401 501.

32224510	Information and Technology (S.E.) Sem IV 2014	SEITC402	Computer Networks	2013-14
		SEITC403	Computer Organization and Architecture	2013-14
		SEITC404	Automata Theory	2013-14
		SEITC405	Web Programming	2013-14
		SEITC406	Information Theory and Coding	2013-14
		SEITL402	Computer Networks	2013-14
		SEITL403	Web Programming	2013-14
322261210	Mechanical Engineering (S.E.SEM III)2013	MEC301	Applied Mathematics III	2013-14
		MEC302	Thermodynamics	2013-14
		MEC303	Strength of Materials	2013-14
		MEC304	Production Process- I	2013-14
		MEL305	Computer Aided M/c Drawing	2013-14
		MEL306	Data Base Information Retrieval System	2013-14
		MEL307	Machine Shop Practice- I	2013-14
322261210	Mechanical Engineering (S.E.SEM IV)2014	MEC401	Applied Mathematics IV	2013-14
		MEC402	Fluid Mechanics	2013-14
		MEC403	Theory of Machines- I	2013-14
		MEC404	Production Process- II	2013-14
		MEC405	Material Technology	2013-14
		MEC406	Industrial Electronics	2013-14
		MEL407	Machine Shop Practice- II	2013-14



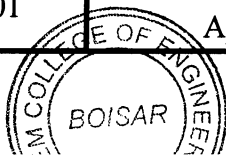

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 Boisar (East), Tal. & Dist. Palghar-401 501.

Program code	Program Name	Course Code	Course Name	Year of Introduction
322260210	Automobile Engineering S.E.(2014) Sem III	AEC301	Applied Mathematics - III	2014-15
		AEC302	Thermodynamics	2014-15
		AEC303	Strength of Materials	2014-15
		AEC304	Production Process- I	2014-15
		AEL305	Computer Aided M/c Drawing	2014-15
		AEL306	Data Base Information Retrieval System	2014-15
		AEL307	Machine Shop Practice- I	2014-15
322260210	Automobile Engineering S.E.(2015) Sem IV	AEC401	Applied Mathematics IV	2014-15
		AEC402	Fluid Mechanics	2014-15
		AEC403	Theory of Machines- I	2014-15
		AEC404	Production Process- II	2014-15
		AEC405	Material Technology	2014-15
		AEC406	Industrial Electronics	2014-15
		AEL407	Machine Shop Practice- II	2014-15
322219110	Civil Engineering S.E.(2014) Sem III	CE-C301	Applied Mathematics-III*	2014-15
		CE-C302	Surveying – I	2014-15
		CE-C303	Strength of Materials	2014-15
		CE-C304	Building Materials and Construction	2014-15
		CE-C305	Engineering Geology	2014-15



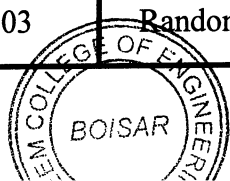
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		CE-C306	Fluid Mechanics – I	2014-15
		CE-C307	Database and Information Retrieval System	2014-15
322219110	Civil Engineering S.E.(2015) Sem IV	CE-C401	Applied Mathematics – IV	2014-15
		CE-C402	Surveying – II	2014-15
		CE-C403	Structural Analysis – I	2014-15
		CE-C404	Building Design and Drawing – I	2014-15
		CE-C405	Concrete Technology	2014-15
		CE-C406	Fluid Mechanics – II	2014-15
		322229310	Electrical (S.E. Sem III.)2013	EEC301
EEC302	Electronic Devices and Circuits			2014-15
EEC303	Conventional and Nonconventional Power Generation			2014-15
EEC304	Electrical Networks			2014-15
EEC305	Electrical and Electronic Measurements			2014-15
EEC306	Object Oriented Programming and Methodology			2014-15
322229310	Electrical (S.E IV.)2014			EEC401
		EEC402	Elements of Power System	2014-15
		EEC403	Electrical Machines –I	2014-15
		EEC404	Signal Processing	2014-15
		EEC405	Analog and Digital Integrated Circuits	2014-15
		EEC406	Numerical Methods and Optimization Techniques	2014-15
				EXC501



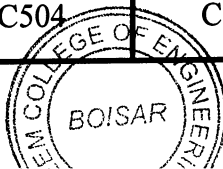
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322237610	Electronics Engineering T.E.(2014) V	EXC502	Design with Linear Integrated Circuits	2014-15
		EXC503	Electromagnetic Engineering	2014-15
		EXC504	Signals and Systems	2014-15
		EXC505	Digital Communication	2014-15
		EXS506	Business Communication and Ethics	2014-15
		EXL501	Microcontrollers and Applications Laboratory	2014-15
		EXL502	Design with Linear Integrated Circuits Laboratory	2014-15
		EXL503	Digital Communication Laboratory	2014-15
		EXL504	Mini Project I	2014-15
322237610	Electronics Engineering T.E.(2015) VI	EXC601	Basic VLSI Design	2014-15
		EXC602	Advanced Instrumentation Systems	2014-15
		EXC603	Computer Organization	2014-15
		EXC604	Power Electronics I	2014-15
		EXC605	Digital Signal Processing and Processors	2014-15
		EXC606	Modern Information Technology for Management	2014-15
		EXL602	Advance Instrumentation and Power Electronics Laboratory	2014-15
		EXL605	Digital Signal Processing and Processors Laboratory	2014-15
		EXL603	Mini Project II	2014-15
		ETC501	Microcontrollers and Applications	2014-15
		ETC502	Analog Communication	2014-15
		ETC503	Random Signal Analysis	2014-15



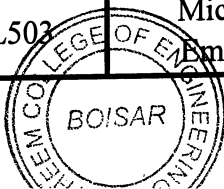
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322237210	Electronics and Telecommunication Engineering (T.E SEM V.)2014	ETC504	Modeling and Antennas	2014-15
		ETC505	Integrated Circuits	2014-15
		ETS506	Business Communication and Ethics	2014-15
		ETL501	Microcontrollers and Applications Laboratory -	2014-15
		ETL502	Communication Engineering Laboratory I	2014-15
		ETL503	Communication Engineering Laboratory II --	2014-15
		ETL504	Mini Project I	2014-15
322237210	Electronics and Telecommunication Engineering (T.E SEM VI.)2015	ETC601	Digital Communication	2014-15
		ETC602	Discrete Time Signal Processing	2014-15
		ETC603	Computer Communication and Telecom Networks	2014-15
		ETC604	Television Engineering	2014-15
		ETC605	Operating Systems	2014-15
		ETC606	VLSI Design	2014-15
		ETL601	Discrete Time Signal Processing Laboratory	2014-15
		ETL602	Communication Engineering Laboratory III	2014-15
		ETL603	Communication Engineering Laboratory IV	2014-15
		ETL604	Mini Project II	2014-15
322224510	Computer Engineering T.E.(2014)V	CPC501	Microprocessor	2014-15
		CPC502	Operating Systems	2014-15
		CPC503	Structured and Object Oriented Analysis and Design	2014-15
		CPC504	Computer Networks	2014-15



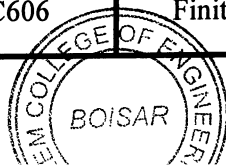
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		CPL501	Web Technologies Laboratory	2014-15
		CPL502	Business Communication and Ethics	2014-15
322224510	Computer Engineering T.E.(2015)VI	CPC601	System Programming and Compiler Construction	2014-15
		CPC602	Software Engineering	2014-15
		CPC603	Distributed Databases	2014-15
		CPC604	Mobile Communication and Computing	2014-15
		CPE7042X	Elective -I	2014-15
		CPE6011	Operation Research	2014-15
		CPE6012	Project Management	2014-15
		CPE6013	Foreign Language – German	2014-15
		CPE6014	Foreign Language – French	2014-15
		CPL601	Network Programming Laboratory	2014-15
		3 22224510	Information and Technology (T.E.)2014 SEM V	TEITC501
TEITC502	Operating Systems			2014-15
TEITC503	Microcontroller and Embedded Systems			2014-15
TEITC504	Advanced Database Management Systems			2014-15
TEITC505	Open Source Technologies			2014-15
TEITC506	Business Communication and Ethics*			2014-15
TEITL501	Computer Graphics and Virtual Reality			2014-15
TEITL502	Operating Systems			2014-15
TEITL503	Microcontroller and Embedded Systems			2014-15



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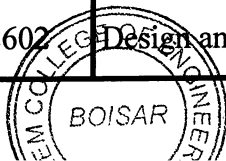
		TEITL504	Advanced Database Management Systems	2014-15
		TEITL505	Open Source Technologies	2014-15
322224510	Information and Technology (T.E.)2015 SEM VI	TEITC601	Software Engineering	2014-15
		TEITC602	Distributed Systems	2014-15
		TEITC603	System and Web Security	2014-15
		TEITC604	Data Mining and Business Intelligence	2014-15
		TEITC605	Advance Internet Technology	2014-15
		TEITL601	Software Engineering	2014-15
		TEITL602	Distributed Systems	2014-15
322261210	Mechanical Engineering (T.E.)2014 SEM V	MEC501	I C Engines	2014-15
		MEC502	Mechanical Measurements and Control	2014-15
		MEC503	Production Process-III	2014-15
		MEC504	Theory of Machines- II	2014-15
		MEC505	Heat Transfer	2014-15
		MEL501	Business Communication and Ethics	2014-15
322261210	Mechanical Engineering (T.E.)2015 SEM VI	MEC601	Metrology and Quality Engineering	2014-15
		MEC602	Machine Design I	2014-15
		MEC603	Mechanical Vibrations	2014-15
		MEC604	Thermal and Fluid Power Engineering	2014-15
		MEC605	Mechatronics	2014-15
		MEC606	Finite Element Analysis	2014-15



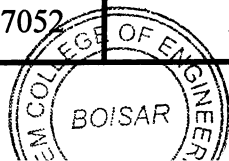
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Program code	Program Name	Course Code	Course Name	Year of Introduction
322260210	Automobile Engineering (T.E V.) 2015	AEC501	I C Engines	2015-16
		AEC502	Metrology and Quality Engineering	2015-16
		AEC503	Production Process-III	2015-16
		AEC504	Theory of Machines- II	2015-16
		AEC505	Heat Transfer	2015-16
		AEL501	Business Communication and Ethics	2015-16
322260210	Automobile Engineering (T.E VI.) 2016	AEC601	Automotive System	2015-16
		AEC602	Machine Design I	2015-16
		AEC603	Mechanical Vibrations	2015-16
		AEC604	Thermal and Fluid Power Engineering	2015-16
		AEC605	Operations Research	2015-16
		AEC606	Finite Element Analysis	2015-16
322219110	Civil Engineering (T.E V.) 2015	CE-C501	Structural Analysis – II	2015-16
		CE-C502	Geotechnical Engg.– I	2015-16
		CE-C503	Building Design and Drawing – II	2015-16
		CE-C504	Applied Hydraulics – I	2015-16
		CE-C505	Transportation Engg. – I	2015-16
		CE-C506	Employment and Corporate Skills	2015-16
		CE-C601	Geotechnical Engg. – II	2015-16
		CE-C602	Design and Drawing of Steel Structures	2015-16



322219110	Civil Engineering (T.E VI.) 2016	CE-C603	Applied Hydraulics – II	2015-16
		CE-C604	Transportation Engg. – II	2015-16
		CE-C605	Environmental Engg – I	2015-16
		CE-C606	Theory of Reinforced Prestressed Concrete	2015-16
322229310	Electrical Engineering(T.E SEM V.)2015	EEC501	Protection and Switchgear Engineering	2015-16
		EEC502	Electrical Machines - II	2015-16
		EEC503	Electromagnetic Fields and Waves	2015-16
		EEC504	Power Electronics	2015-16
		EEC505	Communication Engineering	2015-16
		EEC506	Business Communication and Ethics	2015-16
322229310	Electrical Engineering (T.E VI.)2016	EEC601	Power System Analysis	2015-16
		EEC602	Electrical Machines – III	2015-16
		EEC603	Utilization of Electrical Energy	2015-16
		EEC604	Control System – I	2015-16
		EEC605	Microcontroller and its Applications	2015-16
		EEC606	Project Management	2015-16
	Electronics	EXC701	Embedded System Design	2015-16
		EXC702	IC Technology	2015-16
		EXC703	Power Electronics –II	2015-16
		EXC704	Computer Communication Networks	2015-16
		EXC 705	Elective - I	2015-16
		EXC7051	Digital Image Processing	2015-16
		EXC7052	Artificial Intelligence	2015-16



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322237210

Electronics and
Telecommunication Engineering
(B.E SEM
VII)2015

ETC703	Optical Communication and Networks	2015-16
ETC704	Microwave and Radar Engineering	2015-16
ETE70X	Elective	2015-16
ETE 701	Data Compression and Encryption	2015-16
ETE 702	Statistical Signal Processing	2015-16
ETE 703	Neural Network and Fuzzy Logic	2015-16
ETE 704	Analog and Mixed Signal VLSI	2015-16
ETL701	Image and Video Processing Laboratory	2015-16
ETL702	Advanced communication Engineering. Laboratory I	2015-16

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Electronics and
Telecommunication Engineering
(B.E SEM
VIII)2016

ETC801	Wireless Networks	2015-16
ETC802	Satellite communication and Networks	2015-16
ETC803	Internet and Voice Communication	2015-16
ETE80X	Elective	2015-16
ETE 801	Speech Processing	2015-16
ETE 802	Telecom Network Management	2015-16
ETE 803	Microwave Integrated Circuits	2015-16
ETE 804	Ultra Wideband Communication	2015-16
ETL801	Wireless Networks Laboratory	2015-16
ETL802	Satellite communication and Networks Laboratory	2015-16
ETL803	Internet and Voice Communication Laboratory	2015-16
ETEL80X	Elective Laboratory	2015-16

CPC701

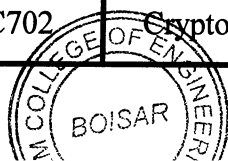
Digital Signal Processing

2015-16

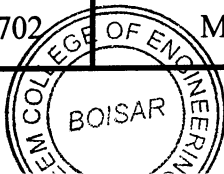
CPC702

Cryptography and System Security

2015-16



322237610	ELECTRONICS Engineering B.E.(2015) VII	EXC7053	ASIC Verification	2015-16
		EXC7054	Optical Fiber Communication	2015-16
		EXC 706	Project - I	2015-16
		EXL705X	Elective – I Laboratory	2015-16
		EXL701	Embedded System Design Laboratory	2015-16
		EXL702	Technology Laboratory	2015-16
		EXL703	Power Electronics –II Laboratory	2015-16
		EXL704	Computer Communication Networks Laboratory	2015-16
322237610	Electronics Engineering B.E.(2016) VIII	EXC801	CMOS VLSI Design	2015-16
		EXC802	Advanced Networking Technologies	2015-16
		EXC803	MEMS Technology	2015-16
		EXC804X	Elective -II	2015-16
		EXC8041	Robotics	2015-16
		EXC8042	Mobile Communication	2015-16
		EXC8043	Digital Control System	2015-16
		EXC8044	Biomedical Electronics	2015-16
		EXC806	Project - II	2015-16
		EXL801	CMOS VLSI Design Laboratory	2015-16
		EXL802	Advanced Networking Technologies Laboratory	2015-16
		EXL803	MEMS Technology Laboratory -	2015-16
EXL804X	Elective –II Laboratory	2015-16		
		ETC701	Image and Video Processing	2015-16
		ETC702	Mobile Communication	2015-16



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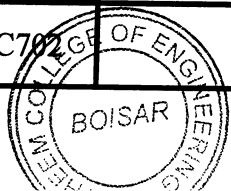
Computer
Engineering
SEM VII.(2015)

CPC703	Artificial Intelligence	2015-16
CPE7042X	Elective -II	2015-16
CPE7021	Advance Algorithms	2015-16
CPE7022	Computer Simulation and Modelling	2015-16
CPE7023	Image Processing	2015-16
CPE7024	Software Architecture	2015-16
CPE7025	Soft Computing	2015-16
CPE7026	ERP and Supply Chain Management	2015-16
CPP701	Project I	2015-16
CPL701	Network Threats and Attacks Laboratory	2015-16

322224510

Computer
Engineering
B.E.(2016)
SEM VIII

CPC801	Data Warehouse and Mining	2015-16
CPC802	Human Machine Interaction	2015-16
CPC803	Parallel and distributed Systems	2015-16
CPE803X	Elective -III	2015-16
CPE8031	Machine Learning	2015-16
CPE8032	Embedded Systems	2015-16
CPE8033	Adhoc wireless networks	2015-16
CPE8034	Digital Forensic	2015-16
CPE8035	Big data Analytics	2015-16
CPP802	Project II	2015-16
CPL801	Cloud Computing Laboratory	2015-16
BEITC701	Software Project Management	2015-16
BEITC702	Cloud Computing	2015-16



322224510	Information and Technology (B.E.)2015 SEM VII	BEITC703	Intelligent System	2015-16
		BEITC704	Wireless Technology	2015-16
		BEITC705X	Elective - I	2015-16
		BEITC7051	Image Processing	2015-16
		BEITC7052	Software Architecture	2015-16
		BEITC7053	E-Commerce E-Business	2015-16
		BEITC7054	Multimedia Systems	2015-16
		BEITC7055	Usability Engineering	2015-16
		BEITC7056	Ubiquitous Computing	2015-16
		BEITP706	Project-I	2015-16
322224510	Information and Technology (B.E.)2016 SEM VIII	BEITC801	Storage Network Management and Retrieval	2015-16
		BEITC802	Big Data Analytics	2015-16
		BEITC803	Computer Simulation and Modeling	2015-16
		BEITC804	Elective -II	2015-16
		BEITC8041	Enterprise Resource Planning	2015-16
		BEITC8042	Wireless Sensor Networks	2015-16
		BEITC8043	Geographical Information Systems	2015-16
		BEITC8044	Robotics	2015-16
		BEITC8045	Soft Computing	2015-16
		BEITC8046	Software Testing Quality Assurance	2015-16
		BEITP805	Project - II	2015-16
		MEC701	Machine Design -II	2015-16
		MEC702	CAD/CAM/CAE	2015-16

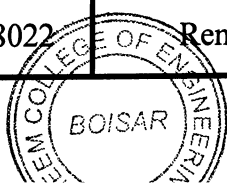


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Mechanical
Engineering
(B.E.)2016 SEM
VII

MEC703	Mechanical Utility Systems	2015-16
MEC704	Production Planning and Control	2015-16
MEE701X	Elective- I	2015-16
MEP701	Project- I	2015-16
MEE7011	Product Life Cycle Management (PLM)	2015-16
MEE7012	Power Plant Engineering	2015-16
MEE7013	Energy Management	2015-16
MEE7014	Supply Chain Management	2015-16
MEE7015	Computational Fluid Dynamics	2015-16
MEE7016	Advanced Turbo Machinery	2015-16
MEE7017	Piping Engineering	2015-16
MEE7018	Emission and Pollution Control	2015-16
MEE7019	Operations Research	2015-16
MEE70110	Total Productive Maintenance (TPM)	2015-16
MEE70111	Robotics	2015-16
MEE70112	Digital Prototyping for Product Design -I	2015-16
MEC801	Design of Mechanical Systems	2015-16
MEC802	Industrial Engineering and Management	2015-16
MEC803	Refrigeration and Air Conditioning	2015-16
MEE802X	Elective -II	2015-16
MEP802	Project- II	2015-16
MEE8021	Micro Electro Mechanical Systems (MEMS)	2015-16
MEE8022	Renewable Energy Sources	2015-16

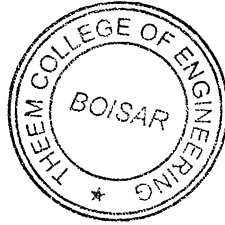


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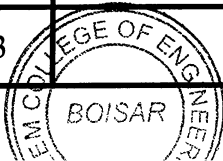
Mechanical
Engineering
(B.E.)2016 SEM
VIII

MEE8023	Project Management	2015-16
MEE8024	Business Process Reengineering	2015-16
MEE8025	Cryogenics	2015-16
MEE8026	Automobile Engineering	2015-16
MEE8027	Process Equipment Design	2015-16
MEE8028	Alternative Fuels	2015-16
MEE8029	Enterprise Resource Planning	2015-16
MEE80210	World Class Manufacturing	2015-16
MEE80211	Nanotechnology	2015-16
MEE80212	Digital Prototyping for Product Design -II	2015-16



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Program code	Program Name	Course Code	Course Name	Year of Introduction
FE	First Year of Engineering (Sem I) 2016 All Branches	FEC101	Applied Mathematics-I	2016-17
		FEC102	Applied Physics-I	2016-17
		FEC103	Applied Chemistry -I	2016-17
		FEC104	Engineering Mechanics	2016-17
		FEC105	Basic Electrical Engineering	2016-17
		FEC106	Environmental studies	2016-17
		FEL101	Basic Workshop Practice-I	2016-17
FE	First Year of Engineering (Sem II) 2016 All Branches	FEC201	Applied Mathematics-II	2016-17
		FEC202	Applied Physics-II	2016-17
		FEC203	Applied Chemistry -II	2016-17
		FEC204	Engineering Drawing	2016-17
		FEC205	Structured Programming Approach	2016-17
		FEC206	Communication Skills	2016-17
		FEL201	Basic Workshop Practice-II	2016-17
3 22260210	Automobile Engineering (B.E VII) 2016	AEC701	Chassis Body Engineering	2016-17
		AEC702	CAD/CAM/CAE	2016-17
		AEC703	Automotive Design	2016-17
		AEC704	Product Design and Development	2016-17
		AEE701X	Elective I	2016-17
		AEP701	Project I	2016-17
		AEE7011	Power Plant Engineering	2016-17
		AEE7012	Supply Chain Management	2016-17
		AEE7013	Tribology	2016-17



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		AEE7014	Computational Fluid Dynamics	2016-17	-17
		AEE7015	Automotive Embedded Systems	2016-17	-17
		AEE7016	Industrial Robotics	2016-17	-17
		AEE7017	Transportation Management Motor Industry	2016-17	-17
322260210	Automobile Engineering (B.E VIII.) 2017	AEC801	Autotronics	2016-17	-17
		AEC802	Vehicle Dynamics	2016-17	-17
		AEC803	Vehicle Maintenance	2016-17	-17
		AEE802X	Elective II	2016-17	-17
		AEP802	Project II	2016-17	-17
		AEE8021	Noise Vibrations Harshness	2016-17	-17
		AEE8022	Vehicle Safety	2016-17	-17
		AEE8023	World Class Manufacturing	2016-17	-17
		AEE8024	Knowledge Management	2016-17	-17
		AEE8025	Project Management	2016-17	-17
		AEE8026	Artificial Intelligence	2016-17	-17
		AEE8027	Virtual Reality	2016-17	-17
		CE-C701	Limit State Method for Reinforced Concrete	2016-17	-17
		CE-C702	Quantity Survey Estimation and Valuation	2016-17	-17
		CE-C703	Irrigation Engineering	2016-17	-17
		CE-C704	Environmental Engineering – II	2016-17	-17
		CE-E705	Elective – I	2016-17	-17
		CE-P706	Project – Part I	2016-17	-17
		1	Pavement Subgrade Materials	2016-17	-17
		2	Advanced Computational Techniques	2016-17	-17
			Advanced Foundation Engineering	2016-17	-17



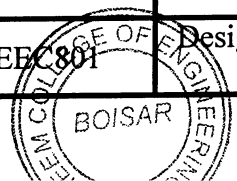
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Civil Engineering
(B.E VII.) 2016

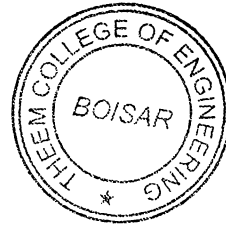
4	Advanced Structural Analysis	2016-17
5	Advanced Structural Mechanics	2016-17
6	Advanced Surveying	2016-17
7	Air Pollution	2016-17
8	Applied Hydrology Flood Control	2016-17
9	Ground Water Hydrology	2016-17
10	Prestressed Concrete	2016-17
11	Reinforced Concrete Repairs Maintenance	2016-17
12	Risk Value Management	2016-17
13	Rock Mechanics	2016-17
14	Structural Dynamics	2016-17
15	Systems Approach in Civil Engineering	2016-17
16	Traffic Engineering Control	2016-17
17	Solid Waste Management	2016-17
CE-C801	Design and Drawing of Reinforced Concrete	2016-17
CE-C802	Construction Engineering	2016-17
CE-C803	Construction Management	2016-17
CE-E804	Elective – II	2016-17
CE-P805	Project – Part II	2016-17
1	Industrial Waste Treatment	2016-17
2	Advanced Construction Engineering	2016-17
3	Advanced Design of Steel Structures	2016-17
4	Advanced Engineering Geology	2016-17
5	Advanced Repairs and Rehabilitation of Structures	2016-17
	Appraisal Implementation of Infrastructure Projects	2016-17




322219110	Civil Engineering (T.E VII.) 2017	7	Building Services	2016-17		
		8	Design of Hydraulic Structures	2016-17		
		9	Disaster Management	2016-17		
		10	Earthquake Engineering	2016-17		
		11	Environmental Impact Assessment Audit	2016-17		
		12	Geographical Information Systems	2016-17		
		13	Geosynthetics and Reinforced Structures	2016-17		
		14	Pavement Design and Construction	2016-17		
		15	Soil Dynamics	2016-17		
		16	Transportation Planning Economics	2016-17		
		17	Water Resources Engineering Management	2016-17		
		18	Bridge Design Engineering	2016-17		
		322229310	Electrical Engineering (B.E VII.) 2016	EEC701	Power System Operation and Control	2016-17
				EEC702	High Voltage DC Transmission	2016-17
				EEC703	Electrical Machine Design	2016-17
				EEC704	Control System – II	2016-17
				EEE70X	Elective I	2016-17
				EEE701	High Voltage Engineering	2016-17
EEE702	Switching Converters			2016-17		
EEE703	Power System Modelling			2016-17		
EEE704	Digital Signal Controllers and its Application			2016-17		
EEE705	Advanced Lighting Systems			2016-17		
EEE706	Renewable Energy and Energy Storage			2016-17		
EEE707	Optimization Techniques and its Applications			2016-17		
				EEC801	Design, Management and Auditing of Electrical Systems	2016-17



322229310	Electrical Engineering (B.E VIII.) 2017	EEC802	Drives and Control	2016-17
		EEC803	Power System Planning and Reliability	2016-17
		EEE80X	Elective- II	2016-17
		EEE801	Flexible AC Transmission Systems	2016-17
		EEE803	Electric and Hybrid Electric Vehicle Technology	2016-17
		EEE804	Power Quality Smart Grid Technology	2016-17
		EEE805	Power System Dynamics and Control	2016-17
		EEE806	Non-linear Control System	2016-17
		EEE807	Entrepreneurship Development	2016-17
		EEC805	Project- II	2016-17

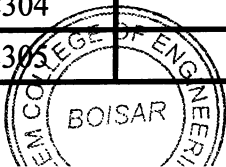



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Program code	Program Name	Course Code	Course Name	Year of Introduction
322260210	Automobile Engineering (S.E III.) 2017	AEC301	Applied Mathematics III	2017-18
		AEC302	Thermodynamics	2017-18
		AEC303	Strength of Materials	2017-18
		AEC304	Production Process I	2017-18
		AEC305	Material Technology	2017-18
322260210	Automobile Engineering (S.E VI.) 2018	AEC401	Applied Mathematics IV	2017-18
		AEC402	Fluid Mechanics	2017-18
		AEC403	Industrial Electronics	2017-18
		AEC404	Production Process II	2017-18
		AEC405	Kinematics of Machinery	2017-18
322219110	Civil Engineering (S.E III.) 2017	CE-C301	Applied Mathematics III	2017-18
		CE-C302	Surveying I	2017-18
		CE-C303	Strength of Materials	2017-18
		CE-C304	Engineering Geology	2017-18
		CE-C305	Fluid Mechanics I	2017-18
322219110	Civil Engineering (S.E IV.) 2018	CE-C401	Applied Mathematics IV	2017-18
		CE-C402	Surveying II	2017-18
		CE-C403	Structural Analysis I	2017-18
		CE-C404	Building Design & Drawing Building Materials &	2017-18
		CE-C405	Construction Technology	2017-18
		CE-C406	Fluid Mechanics II	2017-18
322229310	Electrical Engineering(S.E SEM III.)2017	EEC301	Applied Mathematics - III	2017-18
		EEC302	Electronic Devices and Circuits	2017-18
		EEC303	Conventional and Non-Conventional Power Generation	2017-18
		EEC304	Electrical and Electronics Measurement	2017-18
		EEC305	Electrical Machine – I	2017-18
322229310	Electrical Engineering (S.E IV.)2018	EEC401	Applied Mathematics - IV	2017-18
		EEC402	Power System - I	2017-18
		EEC403	Electrical Machines – II	2017-18
		EEC404	Electromagnetic Field and wave Theory	2017-18
		EEC405	Analog and Digital Integrated Circuits	2017-18
		EEC406	Electrical Network	2017-18

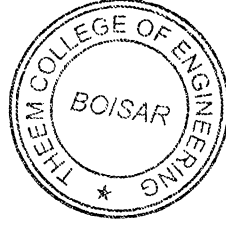



322237210	Electronics and Telecommunication Engineering (S.E SEM III)2017	ECC301	Applied Mathematics- III	2017-18
		ECC302	Electronic Devices and Circuits I	2017-18
		ECC303	Digital System Design	2017-18
		ECC304	Circuit Theory and Networks	2017-18
		ECC305	Electronic Instrumentation and Control	2017-18
322237210	Electronics and Telecommunication Engineering (S.E SEM IV)2018	ECC401	Applied Mathematics- IV	2017-18
		ECC402	Electronic Devices and Circuits II	2017-18
		ECC403	Linear Integrated Circuits	2017-18
		ECC404	Signals & Systems	2017-18
		ECC405	Principles of Communication Engineering	2017-18
322224510	Computer Engineering SEM III.(2017)	CSC301	Applied Mathematics -III	2017-18
		CSC302	Digital Logic Design and Analysis	2017-18
		CSC303	Discrete Mathematics	2017-18
		CSC304	Electronic Circuits and Communication Fundamentals	2017-18
		CSC305	Data Structures	2017-18
322224510	Computer Engineering S.E..(2018) SEM IV	CSC401	Applied Mathematics- IV	2017-18
		CSC402	Analysis of Algorithms	2017-18
		CSC403	Computer Organization and Architecture	2017-18
		CSC404	Computer Graphics	2017-18
		CSC405	Operating System	2017-18
322224510	Information and Technology (S.E.)2017 SEM III	ITC301	Applied Mathematics III	2017-18
		ITC302	Logic Design	2017-18
		ITC303	Data Structures & Analysis	2017-18
		ITC304	Database Management System	2017-18
		ITC305	Principle of Communications	2017-18
322224510	Information and Technology (S.E.)2018 SEM IV	ITC401	Applied Mathematics-IV	2017-18
		ITC402	Computer Networks	2017-18
		ITC403	Operating Systems	2017-18
		ITC404	Computer Organization and Architecture	2017-18
		ITC405	Automata Theory	2017-18
322261210	Mechanical Engineering (S.E.)2017 SEM III	MEC301	Applied Mathematics III	2017-18
		MEC302	Thermodynamics	2017-18
		MEC303	Strength of Materials	2017-18
		MEC304	Production Process I	2017-18
		MEC305	Material Technology	2017-18



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322261210	Mechanical Engineering (S.E.)2018 SEM IV	MEC401	Applied Mathematics IV	2017-18
		MEC402	Fluid Mechanics	2017-18
		MEC403	Industrial Electronics	2017-18
		MEC404	Production Process II	2017-18
		MEC405	Kinematics of Machinery	2017-18




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