



Vidya Prasarak Mandal's  
Maharshi Parshuram College of Engineering, Velneshwar  
At: Velneshwar, Hedvi-Guhagar road, Taluka: Guhagar,  
Dist: Ratnagiri (Maharashtra) 415 729  
(AICTE & DTE approved and affiliated to University of Mumbai)

Tel No. 02359-243102/3/4  
Fax No. 02359-243102  
E-mail: mpcoe@vpmpcoe.org  
URL: www.vpmpcoe.org

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

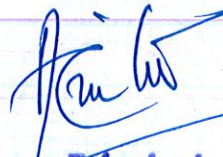
Program code	Program Name	Course code	Course Name	Year of introduction
	First year Engineering all Programs	EC201	Applied Mathematics - II	2016-17
	First year Engineering all Programs	EC202	Applied Physics - II	2016-17
	First year Engineering all Programs	EC203	Applied Chemistry - II	2016-17
	First year Engineering all Programs	EC204	Engineering Drawing	2016-17
	First year Engineering all Programs	EC205	Structured Programming Approach	2016-17
	First year Engineering all Programs	EC206	Communication Skill	2016-17
	First year Engineering all Programs	FEC101	Applied Mathematics - I	2016-17
	First year Engineering all Programs	FEC102	Applied Physics - I	2016-17
	First year Engineering all Programs	FEC103	Applied Chemistry - I	2016-17
	First year Engineering all Programs	FEC104	Engineering Mechanics	2016-17
	First year Engineering all Programs	FEC105	Basic Electrical & Electronics Engineering	2016-17
	First year Engineering all Programs	FEC106	Environmental Studies	2016-17
	First year Engineering all Programs	FEL101	Basic-Workshop Practice-I	2016-17
	First year Engineering all Programs	FEL201	Basic Workshop Practice - II	2016-17
346219110	Civil Engineering	CE-C301	Applied Mathematics - III	2017-18
346219110	Civil Engineering	CE-C302	Surveying - I	2017-18
346219110	Civil Engineering	CE-C303	Strength of Materials	2017-18
346219110	Civil Engineering	CE-C304	Building Materials and Constructions	2014-15
346219110	Civil Engineering	CE-C304	Engineering Geology	2017-18
346219110	Civil Engineering	CE-C305	Engineering Geology	2014-15
346219110	Civil Engineering	CE-C305	Fluid Mechanics - I	2017-18
346219110	Civil Engineering	CE-C306	Fluid Mechanics - I	2014-15
346219110	Civil Engineering	CE-C307	Database Information Retrieval System	2014-15
346219110	Civil Engineering	CE-C401	Applied Mathematics - IV	2017-18
346219110	Civil Engineering	CE-C402	Surveying - II	2017-18
346219110	Civil Engineering	CE-C403	Structural Analysis - I	2017-18
346219110	Civil Engineering	CE-C404	Building Design and Drawing-I	2014-15
346219110	Civil Engineering	CE-C404	Building Design and Drawing	2017-18
346219110	Civil Engineering	CE-C405	Concrete Technology	2014-15
346219110	Civil Engineering	CE-C405	Building Materials & Construction Technology	2017-18
346219110	Civil Engineering	CE-C406	Fluid Mechanics - II	2017-18
346219110	Civil Engineering	CE-C501	Structural Analysis - II	2015-16
346219110	Civil Engineering	CE-C502	Geotechnical Engineering - I	2015-16
346219110	Civil Engineering	CE-C503	Building Design and Drawing - II	2015-16
346219110	Civil Engineering	CE-C504	Applied Hydraulics - I	2015-16
346219110	Civil Engineering	CE-C505	Transportation Engineering - I	2015-16
346219110	Civil Engineering	CE-C506	Business and Communication Ethics	2015-16



**Principal**  
VPM's Maharshi Parshuram College  
of Engineering, Velneshwar

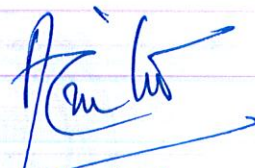
Program code	Program Name	Course code	Course Name	Year of introduction
346219110	Civil Engineering	CE-C601	Geotechnical Engineering - II	2015-16
346219110	Civil Engineering	CE-C602	Design and Drawing of Steel Structure	2015-16
346219110	Civil Engineering	CE-C603	Applied Hydraulics – II	2015-16
346219110	Civil Engineering	CE-C604	Transportation Engineering - II	2015-16
346219110	Civil Engineering	CE-C605	Environmental Engineering - I	2015-16
346219110	Civil Engineering	CE-C606	Theory of Reinforced Prestressed Concrete	2015-16
346219110	Civil Engineering	CE-C701	Limit State Method for Reinforced Concrete Structure	2016-17
346219110	Civil Engineering	CE-C702	Quantity Survey Estimation and valuation	2016-17
346219110	Civil Engineering	CE-C703	Irrigation Engineering	2016-17
346219110	Civil Engineering	CE-C704	Environmental Engineering – II	2016-17
346219110	Civil Engineering	CE-C801	Design and Drawing of Reinforced Concrete Structure	2016-17
346219110	Civil Engineering	CE-C802	Construction Engineering	2016-17
346219110	Civil Engineering	CE-C803	Construction Management	2016-17
346219110	Civil Engineering	CE-E705	Elective- I	2016-17
346219110	Civil Engineering	CE-E804	Elective – II	2016-17
346224510	Computer Engineering	CPC 701	Digital Signal Processing	2015-16
346224510	Computer Engineering	CPC 703	Artificial Intelligence	2015-16
346224510	Computer Engineering	CPC 801	Data Warehousing and Mining	2015-16
346224510	Computer Engineering	CPC 802	Human Machine Interaction	2015-16
346224510	Computer Engineering	CPC 803	Parallel and Distributed Systems	2015-16
346224510	Computer Engineering	CPC 803X	Elective - III Big Data Analytics	2015-16
346224510	Computer Engineering	CPC501	Microprocessor	2014-15
346224510	Computer Engineering	CPC502	Operating Systems	2014-15
346224510	Computer Engineering	CPC503	Structured and Object Oriented Analysis and Design	2014-15
346224510	Computer Engineering	CPC504	Computer Networks	2014-15
346224510	Computer Engineering	CPC601	System Programming and Compiler Construction	2014-15
346224510	Computer Engineering	CPC602	Software Engineering	2014-15
346224510	Computer Engineering	CPC603	Distributed Databases	2014-15
346224510	Computer Engineering	CPC604	Mobile Communication and Computing	2014-15
346224510	Computer Engineering	CPC702	Cryptography and System Security	2015-16
346224510	Computer Engineering	CPE601X	Elective - I Software Project Management	2014-15
346224510	Computer Engineering	CPE742X	Elective-II Image Processing	2015-16
346224510	Computer Engineering	CPL502	Business Communication Ethics	2014-15
346224510	Computer Engineering	CSC301	Applied Mathematics - III	2013-14
346224510	Computer Engineering	CSC302	Object Oriented Programming Methodology	2013-14
346224510	Computer Engineering	CSC303	Data Structure	2013-14
346224510	Computer Engineering	CSC304	Digital Logic Design and Analysis	2013-14
346224510	Computer Engineering	CSC305	Discrete Structure	2013-14
346224510	Computer Engineering	CSC306	Electronics Circuits and Communication Fundamentals	2013-14
346224510	Computer Engineering	CSC401	Applied Mathematics - IV	2013-14
346224510	Computer Engineering	CSC402	Analysis of Algorithms	2013-14
346224510	Computer Engineering	CPL601	Network Programming Laboratory	2014-15
346224510	Computer Engineering	CSC403	Computer Organization and Architecture	2013-14
346224510	Computer Engineering	CSC404	Database Management Systems	2013-14
346224510	Computer Engineering	CSC405	Theoretical Computer Science	2013-14
346224510	Computer Engineering	CSC406	Computer Graphics	2013-14
346229310	Electrical Engineering	EEC 301	Applied Mathematics -III	2017-18
346229310	Electrical Engineering	EEC 302	Electronic Devices and Circuits	2017-18
346229310	Electrical Engineering	EEC 303	Conventional and Non-Conventional Power Generation	2017-18
346229310	Electrical Engineering	EEC 304	Electrical and Electronic Measurements	2017-18
346229310	Electrical Engineering	EEC 305	Electrical Machine – I	2017-18
346229310	Electrical Engineering	EEC301	Applied Mathematics – III*	2013-14
346229310	Electrical Engineering	EEC302	Electronic Devices and Circuits	2013-14
346229310	Electrical Engineering	EEC303	Conventional and Non- conventional Power Generation	2013-14
346229310	Electrical Engineering	EEC304	Electrical Networks	2013-14
346229310	Electrical Engineering	EEC305	Electrical and Electronic Measurements	2013-14
346229310	Electrical Engineering	EEC306	Object Oriented Programming and Methodology*	2013-14
346229310	Electrical Engineering	EEC401	Applied Mathematics - IV	2017-18
346229310	Electrical Engineering	EEC402	Elements of Power System	2013-14



  
**Principal**  
 VPM's Maharshi Parshuram College  
 of Engineering, Velneshwar

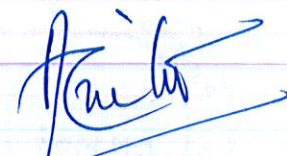
Program code	Program Name	Course code	Course Name	Year of introduction
346229310	Electrical Engineering	EEC402	Power System - I	2017-18
346229310	Electrical Engineering	EEC403	Electrical Machines -I	2013-14
346229310	Electrical Engineering	EEC403	Electrical Machines – II	2017-18
346229310	Electrical Engineering	EEC404	Signal Processing	2013-14
346229310	Electrical Engineering	EEC404	Electromagnetic Field and wave Theory	2017-18
346229310	Electrical Engineering	EEC405	Analog and Digital Integrated Circuits	2013-14
346229310	Electrical Engineering	EEC406	Numerical Methods and Optimization Techniques	2013-14
346229310	Electrical Engineering	EEC406	Electrical Network	2017-18
346229310	Electrical Engineering	EEC501	Protection and Switchgear Engineering	2014-15
346229310	Electrical Engineering	EEC502	Electrical Machines - II	2014-15
346229310	Electrical Engineering	EEC503	Electromagnetic Fields and Waves	2014-15
346229310	Electrical Engineering	EEC504	Power Electronics	2014-15
346229310	Electrical Engineering	EEC505	Communication Engineering	2014-15
346229310	Electrical Engineering	EEC506	Business Communication and Ethics	2014-15
346229310	Electrical Engineering	EEC601	Power System Analysis	2014-15
346229310	Electrical Engineering	EEC602	Electrical Machines – III	2014-15
346229310	Electrical Engineering	EEC603	Utilization of Electrical Energy	2014-15
346229310	Electrical Engineering	EEC604	Control System – I	2014-15
346229310	Electrical Engineering	EEC605	Microcontroller and its Applications	2014-15
346229310	Electrical Engineering	EEC606	Project Management	2014-15
346229310	Electrical Engineering	EEC701	Power System Operation and Control	2015-16
346229310	Electrical Engineering	EEC702	High Voltage DC Transmission	2015-16
346229310	Electrical Engineering	EEC703	Electrical Machine Design	2015-16
346229310	Electrical Engineering	EEC704	Control System – II	2015-16
346229310	Electrical Engineering	EEC801	Design, Management and Auditing of Electrical Systems	2015-16
346229310	Electrical Engineering	EEC802	Drives and Control	2015-16
346229310	Electrical Engineering	EEC803	Power System Planning and Reliability	2015-16
346229310	Electrical Engineering	EEE701	High Voltage Engineering	2015-16
346229310	Electrical Engineering	EEE801	Flexible AC Transmission Systems	2015-16
346229310	Electrical Engineering	EEL302	Object Oriented Programming and Methodology	2017-18
346229310	Electrical Engineering	EEL404	Electrical Workshop	2017-18
346237210	Electronics and Telecommunication Engineering	ECC 401	Applied Mathematics - IV	2017-18
346237210	Electronics and Telecommunication Engineering	ECC 402	Electronic Devices and Circuits- II	2017-18
346237210	Electronics and Telecommunication Engineering	ECC 403	Linear Integrated Circuits	2017-18
346237210	Electronics and Telecommunication Engineering	ECC 404	Signals and System	2017-18
346237210	Electronics and Telecommunication Engineering	ECC 405	Principles of Communication Systems	2017-18
346237210	Electronics and Telecommunication Engineering	ECC301	Applied Mathematics -III	2017-18
346237210	Electronics and Telecommunication Engineering	ECC302	Electronic Devices and Circuits -I	2017-18
346237210	Electronics and Telecommunication Engineering	ECC303	Digital System Design	2017-18
346237210	Electronics and Telecommunication Engineering	ECC304	Circuits theory and Networks	2017-18
346237210	Electronics and Telecommunication Engineering	ECC305	Electronic Instrumentation and Control	2017-18
346237210	Electronics and Telecommunication Engineering	ECL303	OOP using Java Laboratory	2017-18
346237210	Electronics and Telecommunication Engineering	ETC 403	Microprocessors and Peripherals	2013-14
346237210	Electronics and Telecommunication Engineering	ETC 404	Wave Theory and Propagation	2013-14
346237210	Electronics and Telecommunication Engineering	ETC 405	Signals and Systems	2013-14



  
**Principal**  
 VPM's Maharshi Parshuram College  
 of Engineering, Velneshwar

Program code	Program Name	Course code	Course Name	Year of introduction
346237210	Electronics and Telecommunication Engineering	ETC 406	Control Systems	2013-14
346237210	Electronics and Telecommunication Engineering	ETC 501	Microcontrollers and Applications	2014-15
346237210	Electronics and Telecommunication Engineering	ETC 502	Analog Communication	2014-15
346237210	Electronics and Telecommunication Engineering	ETC 503	Random Signal Analysis	2014-15
346237210	Electronics and Telecommunication Engineering	ETC 504	RF Modeling and Antennas	2014-15
346237210	Electronics and Telecommunication Engineering	ETC 505	Integrated Circuits	2014-15
346237210	Electronics and Telecommunication Engineering	ETC 601	Digital Communication	2014-15
346237210	Electronics and Telecommunication Engineering	ETC 602	Discrete Time Signal Processing	2014-15
346237210	Electronics and Telecommunication Engineering	ETC 603	Computer Communication and Telecom Networks	2014-15
346237210	Electronics and Telecommunication Engineering	ETC 604	Television Engineering	2014-15
346237210	Electronics and Telecommunication Engineering	ETC 605	Operating System	2014-15
346237210	Electronics and Telecommunication Engineering	ETC 606	VLSI Design	2014-15
346237210	Electronics and Telecommunication Engineering	ETC 701	Image and Video Processing	2015-16
346237210	Electronics and Telecommunication Engineering	ETC 702	Mobile Communication	2015-16
346237210	Electronics and Telecommunication Engineering	ETC 703	Optical Communication and Networks	2015-16
346237210	Electronics and Telecommunication Engineering	ETC 704	Microwave and Radar Engineering	2015-16
346237210	Electronics and Telecommunication Engineering	ETC 801	Wireless Networks	2015-16
346237210	Electronics and Telecommunication Engineering	ETC 802	Satellite Communication and Networks	2015-16
346237210	Electronics and Telecommunication Engineering	ETC 803	Internet and Voice Communication	2015-16
346237210	Electronics and Telecommunication Engineering	ETC301	Applied Mathematics -III	2013-14
346237210	Electronics and Telecommunication Engineering	ETC302	Analog Electronics I	2013-14
346237210	Electronics and Telecommunication Engineering	ETC303	Digital Electronics	2013-14
346237210	Electronics and Telecommunication Engineering	ETC304	Circuits and Transmission Lines	2013-14
346237210	Electronics and Telecommunication Engineering	ETC305	Electronic Instruments and Measurements	2013-14
346237210	Electronics and Telecommunication Engineering	ETC402	Analog Electronics-II	2013-14
346237210	Electronics and Telecommunication Engineering	ETE 701	Data Compression and Encryption	2015-16
346237210	Electronics and Telecommunication Engineering	ETE 802	Telecom Network Management	2015-16
346237210	Electronics and Telecommunication Engineering	ETEL701	Data Compression and Encryption	2015-16
346237210	Electronics and Telecommunication Engineering	ETL 403	Software Simulation Laboratory	2013-14
346237210	Electronics and Telecommunication Engineering	ETL501	Microcontrollers and Applications	2014-15



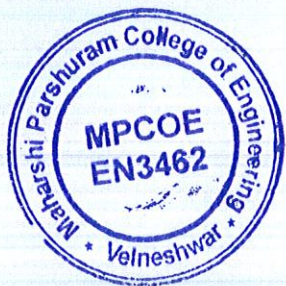
  
**Principal**  
 VPM's Maharshi Parshuram College  
 of Engineering, Velneshwar

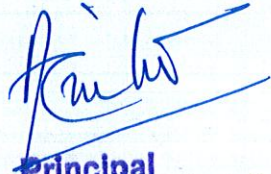
Program code	Program Name	Course code	Course Name	Year of introduction
346237210	Electronics and Telecommunication Engineering	ETL701	Image and Video Processing	2015-16
346237210	Electronics and Telecommunication Engineering	ETS 401	Applied Mathematics - IV	2013-14
346237210	Electronics and Telecommunication Engineering	ETS 506	Business Communication and Ethics	2014-15
346237210	Electronics and Telecommunication Engineering	ETS306	Object Oriented Programming Methodology	2013-14
346246610	Instrumentation Engineering	ISC301	Applied Mathematics-III*	2017-18
346246610	Instrumentation Engineering	ISC302	Electrical Network Analysis and Synthesis	2013-14
346246610	Instrumentation Engineering	ISC302	Analog Electronics	2017-18
346246610	Instrumentation Engineering	ISC303	Analog Electronics	2013-14
346246610	Instrumentation Engineering	ISC303	Transducers – I	2017-18
346246610	Instrumentation Engineering	ISC304	Digital Electronics	2017-18
346246610	Instrumentation Engineering	ISC305	Transducers-I	2013-14
346246610	Instrumentation Engineering	ISC305	Electrical Networks and Measurement	2017-18
346246610	Instrumentation Engineering	ISC306	Object oriented programming and methodology *	2013-14
346246610	Instrumentation Engineering	ISC401	Applied Mathematics-IV *	2017-18
346246610	Instrumentation Engineering	ISC402	Feedback Control System	2013-14
346246610	Instrumentation Engineering	ISC402	Transducers –II	2017-18
346246610	Instrumentation Engineering	ISC403	Electrical Technology and Instruments.	2013-14
346246610	Instrumentation Engineering	ISC403	Feedback Control system	2017-18
346246610	Instrumentation Engineering	ISC404	Communication System	2013-14
346246610	Instrumentation Engineering	ISC404	Analytical Instrumentation	2017-18
346246610	Instrumentation Engineering	ISC405	Transducers-II	2013-14
346246610	Instrumentation Engineering	ISC405	Signal Conditioning Circuit Design	2017-18
346246610	Instrumentation Engineering	ISC406	Application Software Practices	2013-14
346246610	Instrumentation Engineering	ISC501	Signals and Systems	2014-15
346246610	Instrumentation Engineering	ISC502	Applications of Microcontroller -I	2014-15
346246610	Instrumentation Engineering	ISC503	Control System Design	2014-15
346246610	Instrumentation Engineering	ISC504	Signal Conditioning Circuit Design	2014-15
346246610	Instrumentation Engineering	ISC505	Control system components	2014-15
346246610	Instrumentation Engineering	ISC506	Business Communication and Ethics	2014-15
346246610	Instrumentation Engineering	ISC601	Process Instrumentation Systems	2014-15
346246610	Instrumentation Engineering	ISC602	Power Electronics and Drives	2014-15
346246610	Instrumentation Engineering	ISC603	Digital Signal Processing	2014-15
346246610	Instrumentation Engineering	ISC604	Applications of Microcontroller -II	2014-15
346246610	Instrumentation Engineering	ISC605	Industrial Data Communication	2014-15
346246610	Instrumentation Engineering	ISC606	Analytical Instrumentation	2014-15
346246610	Instrumentation Engineering	ISC701	Industrial Process Control	2015-16
346246610	Instrumentation Engineering	ISC702	Biomedical Instrumentation	2015-16
346246610	Instrumentation Engineering	ISC703	Advanced Control Systems	2015-16
346246610	Instrumentation Engineering	ISC704	Process Automation	2015-16
346246610	Instrumentation Engineering	ISC801	Digital Control System	2015-16
346246610	Instrumentation Engineering	ISC802	Instrumentation Project Documentation and Execution	2015-16
346246610	Instrumentation Engineering	ISC803	Instrument and System Design	2015-16
346246610	Instrumentation Engineering	ISE705 X	Elective-I	2015-16
346246610	Instrumentation Engineering	ISE804X	Elective II	2015-16
346261210	Mechanical Engineering	MEC 301	Applied Mathematics - III	2017-18
346261210	Mechanical Engineering	MEC 302	Thermodynamics	2017-18
346261210	Mechanical Engineering	MEC 303	Strength of Materials	2017-18
346261210	Mechanical Engineering	MEC 304	Production Process	2017-18
346261210	Mechanical Engineering	MEC 305	Computer Aided M/c Drawing	2017-18
346261210	Mechanical Engineering	MEC 306	Data Base and Information Retrieval System	2017-18
346261210	Mechanical Engineering	MEC 307	Machine Shop Practice - I	2017-18
346261210	Mechanical Engineering	MEC 401	Applied Mathematics - IV	2017-18
346261210	Mechanical Engineering	MEC 402	Fluid Mechanics	2017-18
346261210	Mechanical Engineering	MEC 403	Industrial Electronics	2017-18
346261210	Mechanical Engineering	MEC 404	Production Process - II	2017-18



  
**Principal**  
 VPM's Maharshi Parshuram College  
 of Engineering, Velneswar

Program code	Program Name	Course code	Course Name	Year of introduction
346261210	Mechanical Engineering	MEC 405	Kinematics of Machinery	2017-18
346261210	Mechanical Engineering	MEC 501	I C Engines	2014-15
346261210	Mechanical Engineering	MEC 502	Mechanical Measurements and Control	2014-15
346261210	Mechanical Engineering	MEC 503	Production Process - III	2014-15
346261210	Mechanical Engineering	MEC 504	Theory of Machines - II	2014-15
346261210	Mechanical Engineering	MEC 505	Heat Transfer	2014-15
346261210	Mechanical Engineering	MEC 601	Metrology and Quality Engineering	2014-15
346261210	Mechanical Engineering	MEC 602	Machine Desing I	2014-15
346261210	Mechanical Engineering	MEC 603	Finite Element Analysis	2014-15
346261210	Mechanical Engineering	MEC 604	Refrigeration and Air Conditioning	2014-15
346261210	Mechanical Engineering	MEC 701	Machine Design - II	2015-16
346261210	Mechanical Engineering	MEC 702	CAD/CAM/CAE	2015-16
346261210	Mechanical Engineering	MEC 703	Mechanical Utility System	2015-16
346261210	Mechanical Engineering	MEC 704	Production Planning and Control	2015-16
346261210	Mechanical Engineering	MEC 801	Design of Mechanical System	2015-16
346261210	Mechanical Engineering	MEC 802	Industrial Engineering and Management	2015-16
346261210	Mechanical Engineering	MEC 803	Refrigeration and Air Conditioning	2015-16
346261210	Mechanical Engineering	MEDLO 6021	Mechatronics	2014-15
346261210	Mechanical Engineering	MEE 701X	Elective -I	2015-16
346261210	Mechanical Engineering	MEE 802X	Elective -II	2015-16
346261210	Mechanical Engineering	MEL 405	Machine Shop Practice - II	2017-18
346261210	Mechanical Engineering	MEL 501	Business Communiaction Ethics	2014-15
346261210	Mechanical Engineering	MEL401	Data Base and Information Retrieval	2017-18
346224510	Computer Engineering	PPE 7021	Elective-II Applied Algorithms	2015-16



  
**Principal**  
 VPM's Maharshi Parshuram College  
 of Engineering, Velneswar