



Mahatma Gandhi Shikshan Mandal's
ARTS, SCIENCE AND COMMERCE COLLEGE
Chopda Dist. Jalgaon, P.B.No.14, Pin - 425107
Affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

NAAC Re-Accredited 'B' Grade

Dr. D. A. Suryawanshi Principal

✉ mgtsm_asc@yahoo.com

☎ (02586) 220140 / 222240, 220174 (R), 220984 (Fax)

🌐 www.mgsmasc.ac.in

Ref No.:

Date: ___ / ___ / ___

Corrigendum

In the draft SSR submitted by our institute, while providing number of courses offered by the institute in the extended profile 1.1, we have counted total number of courses of odd semester only as the titles of the most of the courses are similar in second semester also. But we have referred to the NAAC glossary again after DVV clarifications and now as per the definition of 'course' given in the glossary, we have recounted number of courses offered by the institute across all program's semester wise as given in the table below.

Please accept revised HEI input for the extended profile 1.1 as follows:

1.1 Number of courses offered by the Institution across all programs during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
899	781	708	690	690



3A
PRINCIPAL
Mahatma Gandhi Shikshan Mandal's
Art's, Science & Commerce College,
Chopda Tal-Chopda Dist-Jalgaon(M.S.)

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List of courses offered across all programs by the Institution

ACADEMIC YEAR : 2015-16

Program Name	Course code	Course Name
BA English	CENG -101	Compulsory English
	CENG -101	Compulsory English
	OENG -101	Optional English
	OENG -102	Optional English
	CENG-231	Compulsory English
	CENG-241	Compulsory English
	ENG-232	16th Century English Literature
	ENG-242	17th Century English Literature
	ENG-233	18th Century English Literature
	ENG-243	19th Century English Literature
	ENG-231	The Study of Novel
	ENG-241	The Study of Novel
	...	Business Communication
	CENG - 351	Compulsory English
	CNEG 361	Compulsory English
	ENG-352	Indian Writing in English and American Literature
	ENG 362	Indian Writing in English and American Literature
	ENG-353	The Study of English Language
	ENG-363	The Study of English Language
	ENG - 351	The Study of Drama
ENG - 361	The Study of Drama	
MA English	ENG: 231	Literary Theory and Criticism
	ENG 241	Literary Theory and Criticism
	ENG: 232	Literatures in English: Fiction
	ENG 242	Literatures in English: Fiction
	ENG: 233	English Language and Literature Teaching
	ENG 243	English Language and Literature Teaching

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	ENG: 234 (B)	Cultural Studies
	ENG 244 (B)	Cultural Studies
BA MARATHI	MAR- 10217	FYBcom Marathi General – vangmayin Marathi
	MAR- 10227	
	MAR - 231 A	SYBA Marathi General Vadmay prakarancha abhyas-
	MAR - 241 A	kadambari
	MAR – 232	SYBA Marathi S-1 Madhyayugin Pdy vadmngmay
	MAR - 242	prakarancha abhyas
	MAR – 233	SYBA Marathi S-2 Sahitya swaraup vichar
	MAR - 243	
	MAR – 351	TYBA Marathi Gen Vadmayin Marathi -Natak
	MAR - 361	
	MAR – 353	TYBA Marathi S-3 Adhunik Marathi vadmayacha
	MAR - 363	itihis 1920-1960
	MAR – 354	TYBA Marathi S-4 Bhashavidnyan
	MAR - 364	
MA Marathi	MAR – 111	MA Marathi Part-I Mdhyugin Marathi Vdmayacha
	MAR 121	Itihis
	MAR 112	MA Marathi Part-I sahitya samiksha
	MAR 122	
	MAR 113	MA Marathi Part lekhakacha abhyas- annabhau sathe
	MAR 123	
	MAR 114 A	MA Marathi Part Srivadi sahitya
	MAR 114 B	
	MAR 231	MA Paper-5 Swatantryottar Kalkhandatil Sahitya
	MAR 241	Pravah
	MAR 232	MA Paper-6 samajbhasha vidnyan
	MAR 242	
	MAR 233	MA Paper-7 Madhyayugin padya Prakaracha Abhyas-
	MAR 243	Akhyankavya va Lavani
MAR 234 A	MA Paper-8 Khandeshatil Loksahitya	
MAR 244 A		
BA HINDI	HIN G1-111 A)	Hindi Samanya : PAPER I
	HIN G1-121 A)	Hindi Samanya : PAPER II
	HIN G3-231 A)	Hindi Samanya
	HIN G3-241 A)	Hindi Samanya
	HIN S1-232	Kavyasashtra
	HIN S3-242	Kavyasashtra
	HIN S2-233	Upanyas Vidha (Daud)
	HIN S4-243	Natak Vidha (Kabira Khada bazar Main)
	HIN G3-351 A)	Hindi Samanya
	HIN G3-361 A)	Hindi Samanya
	HIN S3-352	Hindi Sahitya Ka Itihis
	HIN S3-353	Hindi Sahitya Ka Itihis



	HIN S3-362	Bhasah Vigyan Tatha Rashtra Bhasha Andolon ka Itihas	
	HIN S3-363	Bhasah Vigyan Tatha Rashtra Bhasha Andolon ka Itihas	
BA GEOGRAPHY	G1	PHYSICAL GEOGRAPHY : PAPER I	
	G1	PHYSICAL GEOGRAPHY : PAPER II	
	GG 231	HUMAN GEOGRAPHY	
	GG 232	GEOGRAPHY OF MAHARASHTRA	
	GG 241	ECONOMIC GEOGRAPHY	
	GG 242	REGIONAL GEOGRAPHY OF INDIA	
	GG 203	Practical : STUDY OF SCALE, PROJECTION & SURVEYING WITH THE HELP OF PLANE TABLE AND GPS	
	G3	POPULATION GEOGRAPHY	
	G3	POLITICAL GEOGRAPHY	
	S3	ENVIRONMENTAL GEOGRAPHY	
	S3	REMOTE SENSING & GIS	
	S4	ANNUAL PRACTICAL	
	G1	PHYSICAL GEOGRAPHY : PAPER I	
	G1	PHYSICAL GEOGRAPHY : PAPER II	
	MA/MSc GEOGRAPHY	GG 101	PRINCIPLES OF ECONOMIC GEOGRAPHY
		GG 102	PRINCIPLES OF POPULATION & SETTLEMENT GEOGRAPHY
GG 103		PRINCIPLES OF CLIMATOLOGY	
GG 104		PRINCIPLES OF GEOMORPHOLOGY	
GG 105		PRACTICAL GEOGRAPHY	
GG 201		GEOGRAPHICAL THOUGHTS	
GG 202		SOCIAL & CULTURAL GEOGRAPHY	
GG 203 (A)		REMOTE SENSING	
GG 204		GEO-STATISTICAL METHODS	
GG 205		CARTOGRAPHIC TECHNIQUES WITH THE HELP OF GIS & EXCURSION REPORT	
GG 301		REGIONAL GEOGRAPHY OF USA	
GG 302		ENVIRONMENTAL GEOGRAPHY	
GG 303		GEOGRAPHICAL INFORMATION SYSTEM	
GG 304		WATERSHED MANAGEMENT & PLANNING	
GG 305		PRACTICAL OF PHYSICAL GEOGRAPHY WITH THE HELP OF GIS	
GG 401 [C]		GEOGRAPHY OF RURAL SETTLEMENT	
GG 402 [C]		URBAN GEOGRAPHY	
GG 403 (A)		RESEARCH METHODOLOGY	
GG 404 (A)		GEOGRAPHY OF TOURISM	
GG 405		INTERPRETATION OF TOPOGRAPHICAL MAPS, AERIAL PHOTOGRAPHS, SATELLITE IMAGES & SURVEYING	



BA ECONOMICS	Eco G-101(A)	Principles of Economics - I	
	Eco G-201(A)	Principles of Economics - I	
	Eco G-101 (B)	Economy of Maharashtra Since - 1980 - I	
	Eco G-201(B)	Economy of Maharashtra Since - 1980 - II	
	HEco G-101	Basic Economics	
	HEco G-201	Home Management	
	ECO 231	Indian Economy since 1980 - I	
	ECO 241	Indian Economy since 1980 - II	
	ECO 232	Advanced Micro Economics - I	
	ECO 242	Advanced Micro Economics - II	
	ECO 233	Advanced Macro Economics - I	
	ECO 243	Advanced Macro Economics - II	
	HECO 231	Population, Marriage & Family in India - I	
	HECO 241	Population, Marriage & Family in India - II	
	ECO 351	Indian Economy since 1980 III	
	ECO 361	Indian Economy since 1980 IV	
	ECO 352 (A)	Public Finance and Policies - I	
	ECO 362 (A)	Public Finance and Policies - II	
	ECO 352 (B)	Economics of Indian Agriculture - I	
	ECO 362 (B)	Economics of Indian Agriculture - II	
	ECO 353 (A)	International trade and practices - I	
	ECO 363 (A)	International trade and practices - II	
	ECO 353 (B)	Indian Banking and practices I	
	ECO 363 (B)	Indian Banking and practices II	
	HECO 351	Socio Economic Problem and Policies (with Reference to India) - I	
	HECO 361	Socio Economic Problem and Policies (with Reference to India) - II	
	MA Economics	ECO 111	Advance micro Economics Theory - I
		ECO 121	Advance micro Economics Theory - II
		ECO 112	Modern public finance I
		ECO 122	Modern public finance I
		ECO 113	Statistics for Economics
		ECO 123	Research Methodology for Economics
		ECO 114 (A)	Economic system and thinkers - I
ECO 124 (A)		Economic system and thinkers - I	
ECO 114 (B)		Agriculture Economics - I	
ECO 124 (B)		Agriculture Economics - II	
ECO 114 (C)		Economics of Labour - I	
ECO 124 (C)		Economics of Labour - II	
ECO 231		Modern Monetary Economics - I	
ECO 241		Modern Monetary Economics - II	
ECO 232		Economics of development	
ECO 242		Models of Economics growth	
ECO 233		International Economics - I	



	ECO 243	International Economics - II
	ECO 234	Modern banking and financial markets in India - I
	ECO 244	Modern banking and financial markets in India - II
	ECO 235	Computer application in Economic analysis - I
	ECO 245	Computer application in Economic analysis - II
	ECO 236	Mathematical Economics
	ECO 246	Econometrics
	ECO 237	Industrial Economics - I
	ECO 247	Industrial Economics - II
B.A. Political Science	POL 351 (A - G3)	Western Political Thought
	POL 361 (A - G3)	Western Political Thought
	POL 352 (SPL - 3)	Personnel Administration and Management
	POL 362 (SPL - 3)	Personnel Administration and Management
	POL 353 (SPL - 4)	Modern Political Analysis
	POL 363 (SPL - 4)	Modern Political Analysis
	POL - G -101-A	Indian Constitution
	POL - G -201-A	Indian Constitution
	POL 231(A - G2)	Socio - Political Movements in Maharashtra
	POL 241 (A - G2)	Administration of Maharashtra
	POL 232 (SPL - I)	Modern Political Ideologies
	POL 242 (SPL - I)	Modern Political Ideologies
	POL 233 (SPL - II)	Indian Political Thought
	POL 243 (SPL - II)	Indian Political Thought
	POL 351 (A - G3)	Personnel Administration and Management
	POL 361 (A - G3)	Personnel Administration and Management
	POL 352 (SPL - 3)	Western Political Thought
	POL 362 (SPL - 3)	Western Political Thought
	POL 353 (SPL - 4)	Modern Political Analysis
	POL 363 (SPL - 4)	Modern Political Analysis
M.A. Political Science	POL-111	Foreign Policy of India
	POL-121	Foreign Policy of India
	POL-112	Modern Political Issues
	POL-122	Modern Political Issues
	POL-113	Political Process in Indian Federation
	POL-123	Political Process in Indian Federation
	POL - 114 - A	Public Administration
	POL - 124 - A	Indian Administration



	POL 231	Socio - Political Research Methods
	POL 241	Socio - Political Research Methods
	POL 232	Comparative Political Process
	POL 242	Comparative Political Process
	POL 233	International Relations
	POL 243	International Relations
	POL 234 (B)	UN and Regional Organizations
	POL 244 (B)	UN and Regional Organizations
B.Sc. Physics	PHY 111	Mechanics and Properties of matter
	PHY 112	Electricity and Magnetism
	PHY121	Heat and Thermodynamics
	PHY122	Theoretical Physics
	PHY103	Practical Course
	PHY-231	Waves and Oscillations
	PHY- 232 (A)	Electronics- I
	PHY- 232 (B)	Instrumentation -I
	PHY-241	Modern Physics
	PHY-242	Optics
	PHY-203	Practical Course
	PHY-351	Mathematical Physics
	PHY-352	Classical Mechanics
	PHY-353	Atomic and Molecular Physics
	PHY-354(B)	Instrumentation II
	PHY-355	Solid State Physics
	PHY-356(D)	Microprocessor- I
	PHY-361	Classical Electrodynamics
	PHY-362	Quantum Mechanics
	PHY-363	Nuclear Physics
	PHY-364	Statistical Mechanics and Thermodynamics
	PHY-365	Elements of Material Science
	PHY-366(D)	Microprocessor- II
	PHY-307	Practical Course-I
	PHY-308	Practical Course-II
	PHY-309	Project
	PHY-111	Mechanics And Properties Of Matter
	PHY-112	Electricity And Magnetism
	PHY-113	Practical Course - I
	PHY-121	Heat And Thermodynamics
	PHY-122	Theoretical Physics
	PHY-123	Practical Course - II
	M.Sc. Physics	PHY-101
PHY-102		Classical Mechanics
PHY-103		Quantum Mechanics
PHY-104		Solid State Physics
PHY-105		Basic Physics Laboratory I



	PHY-201	Statistical Mechanics
	PHY-202	Classical Electrodynamics
	PHY-203	Material Science
	PHY-204 (A)	Physics of Semiconductor devices
	PHY-205	Basic Physics Laboratory II
	PHY-301	Atomic and Molecular Physics
	PHY-302 (A)	Materials Synthesis Methods
	PHY-303 (A)	Systematic Materials Analysis
	PHY-304	PHY 304 Special Laboratory I
	PHY-305	Project Work- I (Literature Survey, Definition of Problem, Experimental work, Oral etc.)
	PHY-401	Nuclear Physics
	PHY-402 (A)	Nanomaterials: Synthesis, Properties and Applications
	PHY-403	Renewable Energy Sources
	PHY-404	Special Laboratory II
	PHY-405	Project Work- II (Characterization, Analysis of Result, Conclusions, Project Report, Oral etc.)
B.Sc. Chemistry	CH -351	Physical Chemistry
	CH -352	Inorganic Chemistry
	CH -353	Organic Chemistry
	CH -354	Analytical Chemistry
	CH -355	Industrial Chemistry
	CH -356 (A)	Bio Chemistry
	CH -356 (B)	Environment Chemistry
	CH -357	Physical Chemistry Practical
	CH -358	Inorganic Chemistry Practical
	CH -359	Organic Chemistry Practical
	CH -361	Physical Chemistry
	CH -362	Inorganic Chemistry
	CH -363	Organic Chemistry
	CH -364	Analytical Chemistry
	CH -365	Industrial Chemistry
	CH -366(C)	Polymer Chemistry
	CH -366(D)	Chemistry In Every Day Life
	CH -367	Physical Chemistry Practical
	CH -368	Inorganic Chemistry Practical
	CH -369	Organic Chemistry Practical
	CH-231	Physical and Inorganic Chemistry
	CH-232	Organic and Analytical Chemistry
	CH- 111	Physical Chemistry & Inorganic Chemistry
	CH-121	Physical Chemistry & Inorganic Chemistry
	CH-112	Organic and Inorganic Chemistry
	CH-122	Organic and Inorganic Chemistry
	CH-113	Chemistry Practical



M.Sc. Organic Chemistry	CH-123	Chemistry Practical
	CH-350	Organic Reaction Mechanism
	CH-110	Physical Chemistry – I
	CH- 130:	Inorganic Chemistry – I
	CH- 150	Basic Organic Chemistry
	CH-P-1	Physical Chemistry Practical (Annual)
	CH-I-1	Inorganic Chemistry Practical (Annual)
	CH-O-1	Organic Chemistry Practical (Annual)
	CH-210	Physical Chemistry – II
	CH- 230	Inorganic Chemistry – II
	CH-250	Name Reactions, Synthetic Organic Chemistry & Spectroscopy
	CH-290	General Chemistry
	CH-350	Organic Reaction Mechanism
	CH-351	Spectroscopic Methods in Structure Determination
	CH-352	Organic Stereochemistry
	CH-353	Free radical, photochemistry, Pericyclic reaction and their applications
	CH-450	Chemistry of Natural Product
	CH-451	Synthetic Methods in Organic Chemistry
	CH-452	Heterocyclic chemistry, Chiron approach and medicinal chemistry
	CH -O-2	Ternary mixture separation (Annual)
CH -O-3	Three stage preparations (Annual)	
CH -O-4	Short Research Project (Annual)	
BSc Electronics	ELE 111	Analog Electronics – I
	ELE 112	Digital Electronics - I
	ELE 113	Practical Course
	ELE 211	Analog Electronics – II
	ELE 212	Digital Electronics - II
	ELE 213	Practical Course
	ELE 231	Analog Circuits and Applications
	ELE 232	Instrumentation
	ELE 233	Practical Course
	ELE 241	Linear Integrated Circuits & Applications
	ELE 242	8085 Microprocessor
	ELE 243	Practical Course
	ELE 351	Semiconductor Physics
	ELE 352	Basic Communication System
	ELE 353	Microprocessor I
	ELE 354	Programming in C
	ELE 355	Microcontroller 8051
	ELE 356	Consumer Electronics
	ELE 357	General Lab
	ELE 358	Microprocessor, Microcontroller, C



	ELE 359	Project	
	ELE 361	Electrodynamics	
	ELE 362	Advance Communication System	
	ELE 363	Microprocessor II	
	ELE 364	Numerical Simulation in Electronics	
	ELE 365	Embedded System	
	ELE 366	Industrial & Power Electronics	
	ELE 367	General Lab	
	ELE 368	Microprocessor, Microcontroller, C	
	ELE 369	Project	
BSc Computer Science	CS 111	Basic Of Computer	
	CS 121	C Programming-I	
	CS 103	Practical Course	
	CS 112	Basic Of DBMS	
	CS 122	C Programming-II	
	CS 121	Practical Course	
	Comp 211	Data Structure-I	
	Comp 212	Programming in C++	
	comp 221	Data Structure-II	
	Comp 222	Programming In C++-II	
	Comp203	Practical Course Annual	
	CS 311	System Programming	
	CS 312	Advaced DBMS	
	CS 313	Software Enggenering	
	CS 314	Computer Aided Graphics	
	Cs 315	Vb.Net	
	CS 316(B)	Java Programming-I	
	CS 321	Operating Sysyem	
	CS 322	Sql Server 2008	
	CS 323	Internet Computing	
	CS 324	Theortical Computer Science	
	Cs 325	Basic Of Microproccesor And Computer Network	
	CS 326(B)	Java Programmin-II	
	CS Lab 301	Lab On System Programming & sql Server 2008	
	CS Lab 302	Lab On Vb.Net, Internet Computing & Computer Aided Grahics	
	CS Lab 303(B)	Lab on Java programming -I&II	
	MSc Computer Science	CS 101	Advaced C++ Programming
		Cs 102	Automata Theory And Computablity
		CS 103	Advaced Opertaing Syystem
CS 104		Digital Inmade Processing	
CS 105		Lab On Advaced O.S & Image Processing	
CS 106		lab On C++ Programming	
CS 201		Advaced Java Programming	
Cs 202		Machine Intalligence	



	CS 203	Compiler Construction
	CS 204	Design And Analysis Of Algorithm
	CS 205	Lab On DAA & MI
	CS 106	Lab On Advaced Java Programming
	CS 301	Software Enggenering
	Cs 302	Optimization Algorithm
	CS 303	Internet Computing
	CS 304	Windows & Visual C++ Programming
	CS 305	Lab On Windows Programmind & VC++
	CS 306	Lab on Internet Computing
	CS 401	Natural Language Processing
	Cs 402	Advncd Network programming
	CS 403	Data mining
	CS 404	Lab On Network Programming & Data Mining
	CS 405	Mini Project
BSc Mathematics	MTH-111	Theory of Matrices
	MTH-112	Calculus
	MTH-113(B)	Graph Theory
	MTH-121	Differential Equations
	MTH-122	Algebra
	MTH-123(A)	Laplace Transforms
	MTH-231	Advanced Calculus
	MTH-232(A)	Topics in Algebra
	MTH-241	Complex Analysis
	MTH-242(A)	Topics in Differential Equations
	MTH-231	Practical course
	MTH-232	Practical course
	MTH-241	Practical course
	MTH-242(A)	Practical course
	MTH-351	Metric Spaces.
	MTH-352	Real analysis-1
	MTH-353	Abstract Algebra
	MTH-354	Dynamics
	MTH-355(B)	Number Theory
	MTH-356(A)	Programming in C
	MTH-361	Vector Calculus
	MTH-362	Real Analysis-II
	MTH-363	Linear Algebra.
	MTH-364	Differential Equations
	MTH-365(A)	Operation Research
	MTH-366(A)	Applied Numerical Methods
	MTH-307	Practical Course Based On (MTH-351,352,361,362)
	MTH-308	Practical Course Based On (MTH-353,354,363,364)
	MTH-309	Practical Course Based On (MTH-355,356,365,366)



BSc Zoology	ZOO 111	Non-Chordates-I	
	ZOO 112	Parasitology	
	ZOO 121	Chordates -I	
	ZOO 122	Ecology	
	ZOO 103	Practicals related to ZOO 111, 112, 211, and 212	
	ZOO-231	Non-chordates – II	
	ZOO-232	Mammalian Histology	
	ZOO-241	Chordates – II	
	ZOO-242	Mammalian Physiology (
	ZOO 222	Practicals corresponding to ZOO 222	
	ZOO 351	NON CHORDATES- III	
	ZOO 352	Cell and Molecular Biology	
	ZOO 353	Developmental Biology	
	ZOO 354	BIOCHEMISTRY	
	ZOO 314	PRACTICALS ON BIOCHEMISTRY	
	ZOO 355	Research Methodology	
	ZOO-356 (D)	Aquaculture and Fisheries	
	ZOO 356	Animal Behavior	
	ZOO-356 A	BIOTECHNOLOGY	
	ZOO 356 B	SERICULTURE	
	ZOO 361	Chordates - III	
	ZOO 362	GENETICS	
	ZOO-363	Systematics, Evolution and Palaeontology	
	ZOO 364	Economic Zoology	
	ZOO 365	MITROTECHNIQUE	
	Zoo-366 B	Agricultural Pests and their Control	
	Zoo 366 A	Bioinformatics	
	ZOO 366 C	TOXICOLOGY	
	ZOO 366 D	Public Health and Hygiene	
	MSc. Zoology	ZOO 101	(A) Structural and functional anatomy of Invertebrates (B) Biostatistics
		ZOO 102:	(A) Cellular Organization (B) Molecular Biology
		ZOO 103	(A) Ecology (B) Animal Behaviour
		ZOO 104:	Practical 101 (A) + 101(B) +102(A)
		ZOO 105	Practical 102(B) + 103(A) + 103(B)
ZOO 201		(A)Structural and functional anatomy of Vertebrates (B) Immunology	
ZOO 202		(A) Biochemistry (B) Enzymology	
ZOO 203		(A) Developmental Biology (B) Genetics	
ZOO 204		Practical 201 (A)+ 201 (B) +202(A)	



BSc. Botany	BOT:111.	Lower Cryptogams
	BOT:112.	Cell Biology
	BOT:121.	Higher Cryptogams
	BOT:122.	Economic Botany
	BOT. 103	Botany practical based on BOT.111,112,121,122
	BOT. 211:	Morphology and Taxonomy of Angiosperms
	BOT. 221:	Plant Physiology
	BOT. 221:	Plant Anatomy
	BOT. 222:	Applied Botany
	BOT. 203	Botany practical
	BOT. 351	Diversity of Lower Cryptogams
	BOT. 352	Taxonomy of Angiosperms
	BOT. 353	: Genetics and Molecular Biology
	BOT. 354	Paper IV : Advanced Plant Physiology
	BOT. 355	Paper V : Plant Ecology and Phytogeography
	BOT. 356.	I : Plant Biotechnology
	BOT. 361	Paper I : Diversity of HigherCryptogams
	BOT. 362	Paper II : Gymnosperms & Paleobotany
	BOT. 363	Paper III : Plant Breeding
	BOT. 364	Paper IV : Plant Biochemistry
BOT. 365	Paper V : Embryology & Palynology	
BSc. Biotechnology	BT 111	Foundation of Biotechnanology
	BT 112	Methods in Biotechnanology
	BT 113	Basic Technique in Biotechnology I
	BT 121	Biomolecules
	BT 122	Microbial techniques
	BT 123	Basic Technique in Biotechnology II
BSc. Microbiology	MB111	Elementary Microbiology
	MB112	Microscopy and Basic biochemistry
	MB121	Cell Biology of Microorganisms
	MB122	Methods in Microbiology
	MB103	Basic Techniques in Microbiology
	MB 211	Fundamental Biochemistry
	MB 212	Genetics and Immunology
	MB 221	Microscopy and Microbial Ecology
	MB 222	Basic microbial biotechnology
	MB 203	Methods in Microbiology
	MB 311	Microbial Genetic
	MB 312	Fermentation Technology
	MB 313	Microbial Metabolism
	MB 314	Medical Microbiology
	MB 315	Immunology
	MB 316	Applied Microbiology
	MB 321	Molecular Biology
	MB 322	Pharmaceutical Microbiology



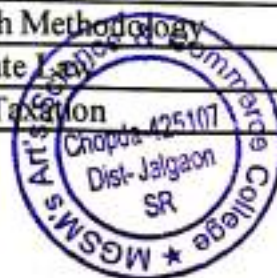
	MB 323	Enzymology	
	MB 324	Clinical Microbiology	
	MB 325	Diagnostic Immunology	
	MB 326	Environmental Microbiology	
	MB 307	Techniques in Diagnostic Microbiology	
	MB 308	Techniques in Industrial Microbiology	
	MB 309	Techniques in Applied Microbiology	
	MB111	Elementary Microbiology	
	MB112	Microscopy and Basic Biochemistry	
	MB121	Cell Biology of Microorganism	
	MB122	Methods in Microbiology	
	MB113	Basic Techniques in Microbiology I	
	MB 123	Basic Techniques in Microbiology II	
M.Sc Microbiology	MB-101	Microbial Diversity	
	MB-102	Microbial Biochemistry	
	MB-103	Bio-instrumentation	
	MB-104	Methods in Microbiology	
	MB-105	Methods in Biochemistry	
	MB-201	Microbial Genetics	
	MB-202	Microbial Enzymology	
	MB-203	Immunology	
	MB-204	Methods in Enzymology	
	MB-205	Methods in Molecular Biology	
	MB-301	Applied and Environmental Microbiology	
	MB-302	Molecular Biology and Bioinformatics	
	MB-303	Pharmaceutical Microbiology	
	MB-304	Methods in Biostatistics and Bioinformatics	
	MB-305	Methods in Applied Microbiology	
	MB-401	Fermentation Technology	
	MB-402	Applied Molecular Biology	
	MB-403	Agricultural Microbiology	
	MB-404	Methods in Biotechnology	
	MB-405	Project Dissertation	
	MB-101	Microbial Diversity	
	MB-102	Microbial Biochemistry	
	MB-103	Bio-instrumentation	
	MB-104	Methods in Microbiology	
	MB-105	Methods in Biochemistry	
	MB-105	Methods in Biochemistry	
	MB-201	Microbial Genetics	
	MB-202	Microbial Enzymology	
	MB-203	Immunology	
	MB-204	Methods in Enzymology	
	MB-205	Methods in Molecular Biology	
	BCOM	I	English for Business



2	Marathi
3	Micro Economic Analysis
4	Financial & Cost Accounting
5	Quantitative Techniques & Computing Skills
6a	Modern Office Management
7a	Principles & Practices of Banking
7c	Marketing & Advertising
1	Macroeconomic Analysis
2	BUSINESS AND TAX LAWS
3	BUSINESS MANAGEMENT
4	CORPORATE ACCOUNTING & COSTING
5	BUSINESS COMMUNICATION & COMPUTING MANAGEMENT
6a	ENTERPRENEURSHIP DEVELOPMENT
7a	Modern Banking & Financial System
1	Macro economic
2	BUSINESS AND TAX LAWS
3	BUSINESS MANAGEMENT
4	CORPORATE ACCOUNTING & COSTING
5	BUSINESS COMMUNICATION & COMPUTING MANAGEMENT
6a	ENTERPRENEURSHIP DEVELOPMENT
7a	Modern Banking & Financial System
407a	Modern Banking & Financial System
1	Indian Economic Scenario
2	Principles & Practice of Auditing
3	Income Tax & Competitive Skills
4	Human Resource Management
5a	Modern Management Techniques
6a	Advanced Accounting I & II
7	Advanced Cost & Management Accounting I & II
MCOM	101 Economics of Industries
	102 Strategic Management
	103 Research Methodology in commerce & Management
	104a Advanced Accountancy
	104c Human Resources Management
	104d Marketing Management
	201 Economics of Environment
	202 Case Studies in Strategic Management
	203a Management Science
	203c Banking and Insurance
	204a Advanced Accountancy
	204c Human Resources Management
	204d Marketing Management
	301 Management Accounting



	302	Entrepreneurship Development
	303	Organization Behaviour
	304a	Advanced Accountancy
	304c	Human Resources Management
	401	Production & Operations Management
	402	Modern Retail Management
	403	Information System for Business
	404a	Advanced Accountancy
	404c	Human Resources Management
	404d	Marketing Management
	301	Management Accounting
	302	Entrepreneurship Development
	303	Organization Behaviour
	304a	Advanced Accountancy
	304c	Human Resources Management
	401	Production & Operations Management
	402	Modern Retail Management
	403	Information System for Business
	404a	Advanced Accountancy
	404c	Human Resources Management
	404d	Marketing Management
BBA	A1.1	Foundation Course for Managers
	A1.2	Professional Communication-I
	A1.3	Principles of Management
	A1.4	Principles of Economics
	A1.5	Computer Fundamentals & Office Automation
	A1.6	Practical on Professional
	A1.7	Practical on Office Automation
	A2.1	Financial Accounting and costing
	A2.2	Professional Communication -II
	A2.3	Organisational Behavior
	A2.4	Managerial Economics
	A2.5	Internet & Application
	A2.6	Practical on Professional communication-II
	A2.7	Practical on Internet & Application
	A3.1	Mathematics & Statistics for Managers
	A3.2	Corporate governance
	A3.3	Career Management & Counseling
	A3.4	Production & Materials Management
	A3.5	Corporate Accounting
	A3.6	Practical on Tally ERP 9.0
	A3.7	Practical based on Advanced Excel
	A4.1	Research Methodology
	A4.2	Corporate Taxation
	A4.3	ICT in Taxation



	A4.4	Cyber Crime & Security Law
	A4.5	Cost Accounting
	A4.6	Practical based on E -Commerce
	A4.7	Practical on ICT in Taxation
BCA	BCA 11	Foundation Course for Managers
	BCA 12	Professional Communication
	BCA 13	Fundamentals of Computer & Internet
	BCA 14	Programming in C++ Part I
	BCA 15	Practical on Internet & HTML
	BCA 16	Practical on Professional Communication
	BCA 17	Practical on C++ Part
	BCA 21	Financial Accounting & Costing
	BCA 22	Professional Communication II
	BCA 23	Database Management
	BCA 24	Programming in C++ Part II
	BCA 25	Practical on MS-Access & Oracle
	BCA 26	Practical on Professional Communication II
	BCA 27	Practical on C++ Part II
	BCA31	Mathematics and Statistics for Managers
	BCA32	Computer Animation Using Flash
	BCA33	Career Management & Counseling
	BCA34	Java Programming
	BCA35	Practical on Computer Animation
	BCA36	Practical on Java
	BCA37	Practical on Tally ERP
	BCA41	C# .Net
	BCA42	Stock And Commodity Market
	BCA43	Data Structure
	BCA44	Cyber Crime and Security
	BCA45	Practical on Transaction related to Stock And Commodity
	BCA46	Practical on Data Structure using C++
BCA47	Practical on C# .Net	
MMS(CM)	1.1	Principles of Management
	1.2	Financial Accounting
	1.3	Web Designing and Web Authoring Tools
	1.4	ICT fundamentals & Office Automation
	1.5	Programming in C
	1.6	Lab I-Practical on Tally ERP & Web Designing
	1.7	Lab II-Practical on Office Automation & C Programming
	2.1	Communication Skills
	2.2	Management Information System
	2.3	System Analysis and Design
	2.4	RDBMS



	2.5	Object Oriented Programming using C++
	2.6	Lab III-Practical on RDBMS
	2.7	Lab IV-Practical on C++
	3.1	CRM & Digital Marketing
	3.2	Cyber Security and IT Act
	3.3	Graphics & Animation
	3.4	Web Scripting with PHP and MySQL
	3.5	C#.Net Programming 4.5 Project Work
	3.6	Lab V-Practical on Graphics & Animation & PHP
	3.7	Lab VI-Practical on C#.NET Programming
	4.1	Human Resource Management
	4.2	E-commerce and M-commerce
	4.3	Internet Computing with ASP.NET
	4.4	Java Programming
	4.6	Lab VII-Practical on ASP.NET
	4.7	Lab VIII-Practical on Java Programming
BA Psychology (General Subject)	PSY-101	Fundamental Psychology
	PSY-201	Social Psychology
	Psy- 231-C	Human Development of Psychology – Early Life
	Psy- 231-D	Human Development of Psychology – Later Life
	Psy - 351	Management of Interpersonal Relations
	Psy -361	Adjustment of Life Span
BA History (General Subject)	HIS - G - 101	History of Indian Freedom Movement (1857 - 1905)
	HIS - G - 201	History of Indian Freedom Movement (1905 - 1947)
	HIS 231(G-2)	Rise of Maratha Power (1630-1674)
	HIS 241 (G-2)	Rise of Maratha Power (1674-1707)
	HIS(G3) 351	HISTORY OF MODERN WORLD (1789-1900)
	HIS(G3) 361	HISTORY OF MODERN WORLD (1901-1945)
	BA Music (General Subject)	MUS G101
MUS G201		Hindustani Sangit Gayan
MUS G231		Hindustani Sangit Gayan
MUS G241		Hindustani Sangit Gayan
MUS G351		Hindustani Sangit Gayan
MUS G361		Hindustani Sangit Gayan
All UG Programs (First Year)	55555/5555	Environmental Studies
All UG Programs (Second Year)	99999	General Knowledge



3
PRINCIPAL
 Mahatma Gandhi Shikshan Mandal's
 Art's, Science & Commerce College,
 Chopda Tal-Chopda Dist-Jalgaon (M.S.)



Mahatma Gandhi Education Mandal's

ARTS, SCIENCE AND COMMERCE COLLEGE

Chopda Dist. Jalgaon, P.B.No.14, Pin - 425107

Affiliated to Kavyatri Bahinbai Chaudhari North Maharashtra University, Jalgaon

NAAC Re-Accredited 'B' Grade

Dr. D. A. Suryawanshi Principal

☎ mgtrac_mca@yahoo.com

☎ 02586 220140 / 222240, 220174 (R), 220984 (Res)

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Ref No.:

Date: ___/___/___

List of courses offered across all programs by the Institution

ACADEMIC YEAR : 2016-17

Program Name	Course code	Course Name
BA English	CENG -101	Compulsory English
	CENG -101	Compulsory English
	OENG -101	Optional English
	OENG -102	Optional English
	CENG-231	Compulsory English
	CENG-241	Compulsory English
	ENG-232	16th Century English Literature
	ENG-242	17th Century English Literature
	ENG-233	18th Century English Literature
	ENG-243	19th Century English Literature
	ENG-231	The Study of Novel
	ENG-241	The Study of Novel
		Business Communication
	CENG - 351	Compulsory English
	CENG 361	Compulsory English
	ENG-352	Indian Writing in English and American
	ENG 362	Indian Writing in English and American
	ENG-353	The Study of English Language
	ENG-363	The Study of English Language
	ENG - 351	The Study of Drama
ENG - 361	The Study of Drama	
MA English	ENG: 231	Literary Theory and Criticism
	ENG 241	Literary Theory and Criticism
	ENG: 232	Literatures in English: Fiction
	ENG 242	Literatures in English: Fiction
	ENG: 233	English Language and Literature Teaching
	ENG 243	English Language and Literature Teaching
	ENG: 234 (B)	Cultural Studies
ENG 244 (B)	Cultural Studies	
MAR- 10217	FYBcom Marathi General – vanyayin Marathi	
MAR- 10227	FYBcom Marathi General – vanyayin Marathi	

☎ mgtrac_mca@yahoo.com

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PRINCIPAL

Mahatma Gandhi Education Mandal's
Arts, Science & Commerce College,
Chopda Tal. Chopda Dist. Jalgaon (G.)

BA MARATHI	MAR - 231 A	SYBA Marathi General Vadmay prakarancha abhyas-kadambari
	MAR - 241 A	
	MAR - 232	SYBA Marathi S-1 Madhyayugin Padya vadngmay prakarancha abhyas
	MAR - 242	
	MAR - 233	SYBA Marathi S-2 Sahitya swaraup vichar
	MAR - 243	
	MAR - 351	TYBA Marathi Gen Vadmayin Marathi -Natak
	MAR - 361	
	MAR - 353	TYBA Marathi S-3 Adhunik Marathi vadmayacha itihās 1920-1960
	MAR - 363	
	MAR - 354	TYBA Marathi S-4 Bhashavidnyan
MAR - 364		
MA Marathi	MAR - 111	MA Marathi Part-I Mdhyayugin Marathi Vadmayacha itihās
	MAR 121	
	MAR 112	MA Marathi Part-I sahitya samiksha
	MAR 122	
	MAR 113	MA Marathi Part Iekhakacha abhyas- annabhau sahe
	MAR 123	
	MAR 114 A	MA Marathi Part Srivadi sahitya
	MAR 114 B	
	MAR 231	MA Paper-5 Swatantryottar Kalkhandatil Sahitya Pravah
	MAR 241	
	MAR 232	MA Paper-6 samajbhasha vidnyan
	MAR 242	
	MAR 233	MA Paper-7 Madhyayugin padya Prakarancha Abhyas-Akhyankavya va Lavani
	MAR 243	
MAR 234 A	MA Paper-8 Khandeshatil Loksahitya	
MAR 244 A		
BA HINDI	HIN G1-111 A)	Hindi Samanya : PAPER I
	HIN G1-121 A)	Hindi Samanya : PAPER II
	HIN G3-231 A)	Hindi Samanya
	HIN G3-241 A)	Hindi Samanya
	HIN S1-232	Kavyasahtra
	HIN S3-242	Kavyasahtra
	HIN S2-233	Upnayan Vidha (Dvand)
	HIN S4-243	Natak Vidha (Kabira Khada bazar Mann)
	HIN G3-351 A)	Hindi Samanya
	HIN G3-361 A)	Hindi Samanya
	HIN S3-352	Hindi Sahitya Ka Itihās
	HIN S3-353	Hindi Sahitya Ka Itihās
	HIN S3-362	Bhasha Vigyan Tatha Rashtra Bhasha Andolon ka
	HIN S3-363	Bhasha Vigyan Tatha Rashtra Bhasha Andolon ka
BA GEOGRAPHY	G1	PHYSICAL GEOGRAPHY : PAPER I
	G1	PHYSICAL GEOGRAPHY : PAPER II
	GG 231	HUMAN GEOGRAPHY
	GG 232	GEOGRAPHY OF MAHARASHTRA
	GG 241	ECONOMIC GEOGRAPHY
	GG 242	REGIONAL GEOGRAPHY OF INDIA
	GG 203	Practical : STUDY OF SCALE, PROJECTION &
	G3	POPULATION GEOGRAPHY
	G3	POLITICAL GEOGRAPHY
	S3	ENVIRONMENTAL GEOGRAPHY
S3	REMOTE SENSING & GIS	



	S4	ANNUAL PRACTICAL
	G1	PHYSICAL GEOGRAPHY : PAPER I
	G1	PHYSICAL GEOGRAPHY : PAPER II
MA/MSc GEOGRAPHY	GG 101	PRINCIPLES OF ECONOMIC GEOGRAPHY
	GG 102	PRINCIPLES OF POPULATION &
	GG 103	PRINCIPLES OF CLIMATOLOGY
	GG 104	PRINCIPLES OF GEOMORPHOLOGY
	GG 105	PRACTICAL GEOGRAPHY
	GG 201	GEOGRAPHICAL THOUGHTS
	GG 202	SOCIAL & CULTURAL GEOGRAPHY
	GG 203 (A)	REMOTE SENSING
	GG 204	GEO-STATISTICAL METHODS
	GG 205	CARTOGRAPHIC TECHNIQUES WITH THE
	GG 301	REGIONAL GEOGRAPHY OF USA
	GG 302	ENVIRONMENTAL GEOGRAPHY
	GG 303	GEOGRAPHICAL INFORMATION SYSTEM
	GG 304	WATERSHED MANAGEMENT & PLANNING
	GG 305	PRACTICAL OF PHYSICAL GEOGRAPHY
	GG 401 [C]	GEOGRAPHY OF RURAL SETTLEMENT
	GG 402 [C]	URBAN GEOGRAPHY
	GG 403 (A)	RESEARCH METHODOLOGY
	GG 404 (A)	GEOGRAPHY OF TOURISM
	GG 405	INTERPRETATION OF TOPOGRAPHICAL
BA ECONOMICS	Eco G-101(A)	Principles of Economics - I
	Eco G-201(A)	Principles of Economics - I
	Eco G-101 (B)	Economy of Maharashtra Since - 1980 - I
	Eco G-201(B)	Economy of Maharashtra Since - 1980 - II
	HEco G-101	Basic Economics
	HEco G-201	Home Management
	ECO 231	Indian Economy since 1980 - I
	ECO 241	Indian Economy since 1980 - II
	ECO 232	Advanced Micro Economics - I
	ECO 242	Advanced Micro Economics - II
	ECO 233	Advanced Macro Economics - I
	ECO 243	Advanced Macro Economics - II
	HECO 231	Population, Marriage & Family in India - I
	HECO 241	Population, Marriage & Family in India - II
	ECO 351	Indian Economy since 1980 III
	ECO 361	Indian Economy since 1980 IV
	ECO 352 (A)	Public Finance and Policies - I
	ECO 362 (A)	Public Finance and Policies - II
	ECO 352 (B)	Economics of Indian Agriculture - I
	ECO 362 (B)	Economics of Indian Agriculture - II
	ECO 353 (A)	International trade and practices - I
	ECO 363 (A)	International trade and practices - II
	ECO 353 (B)	Indian Banking and practices I
	ECO 363 (B)	Indian Banking and practices II
	HECO 351	Socio Economic Problem and Policies (with
	HECO 361	Socio Economic Problem and Policies (with
	ECO 111	Advance micro Economics Theory - I
	ECO 121	Advance micro Economics Theory - II
	ECO 112	Modern public finance I
	ECO 122	Modern public finance I
ECO 113	Statistics for Economics	



MA Economics	ECO 123	Research Methodology for Economics
	ECO 114 (A)	Economic system and thinkers - I
	ECO 124 (A)	Economic system and thinkers - I
	ECO 114 (B)	Agriculture Economics - I
	ECO 124 (B)	Agriculture Economics - II
	ECO 114 (C)	Economics of Labour - I
	ECO 124 (C)	Economics of Labour - II
	ECO 231	Modern Monetary Economics - I
	ECO 241	Modern Monetary Economics - II
	ECO 232	Economics of development
	ECO 242	Models of Economics growth
	ECO 233	International Economics - I
	ECO 243	International Economics - II
	ECO 234	Modern banking and financial markets in India - I
	ECO 244	Modern banking and financial markets in India - II
	ECO 235	Computer application in Economic analysis - I
	ECO 245	Computer application in Economic analysis - II
	ECO 236	Mathematical Economics
	ECO 246	Econometrics
	ECO 237	Industrial Economics - I
ECO 247	Industrial Economics - II	
B.A. Political Science	POL 351 (A - G3)	Western Political Thought
	POL 361 (A - G3)	Western Political Thought
	POL 352 (SPL - 3)	Personnel Administration and
	POL 362 (SPL - 3)	Personnel Administration and
	POL 353 (SPL - 4)	Modern Political Analysis
	POL 363 (SPL - 4)	Modern Political Analysis
	POL - G -101-A	Indian Constitution
	POL - G -201-A	Indian Constitution
	POL 231(A - G2)	Socio - Political Movements
	POL 241 (A - G2)	Administration of Maharashtra
	POL 232 (SPL - I)	Modern Political Ideologies
	POL 242 (SPL - I)	Modern Political Ideologies
	POL 233 (SPL - II)	Indian Political Thought
	POL 243 (SPL - II)	Indian Political Thought
	POL 351 (A - G3)	Personnel Administration and
	POL 361 (A - G3)	Personnel Administration and
	POL 352 (SPL - 3)	Western Political Thought
	POL 362 (SPL - 3)	Western Political Thought
POL 353 (SPL - 4)	Modern Political Analysis	
POL 363 (SPL - 4)	Modern Political Analysis	
M.A. Political Science	POL-111	Foreign Policy of India
	POL-121	Foreign Policy of India
	POL-112	Modern Political Issues
	POL-122	Modern Political Issues
	POL-113	Political Process in Indian Federation
	POL-123	Political Process in Indian Federation
	POL - 114 - A	Public Administration
	POL - 124 - A	Indian Administration
	POL 231	Socio - Political Research Methods
	POL 241	Socio - Political Research Methods
	POL 232	Comparative Political Process
	POL 242	Comparative Political Process
POL 233	International Relations	



B.Sc. Physics

M.Sc. Physics

POE 243	International Relations
POE 234 (B)	UN and Regional Organizations
POE 244 (B)	UN and Regional Organizations
PHY 111	Mechanics and Properties of matter
PHY 112	Electricity and Magnetism
PHY121	Heat and Thermodynamics
PHY122	Theoretical Physics
PHY103	Practical Course
PHY-231	Waves and Oscillations
PHY- 232 (A)	Electronics-I
PHY- 232 (B)	Instrumentation -I
PHY-241	Modern Physics
PHY-242	Optics
PHY-203	Practical Course
PHY-351	Mathematical Physics
PHY-352	Classical Mechanics
PHY-353	Atomic and Molecular Physics
PHY-354(B)	Instrumentation II
PHY-355	Solid State Physics
PHY-356(D)	Microprocessor- I
PHY-361	Classical Electrodynamics
PHY-362	Quantum Mechanics
PHY-363	Nuclear Physics
PHY-364	Statistical Mechanics and Thermodynamics
PHY-365	Elements of Material Science
PHY-366(D)	Microprocessor- II
PHY-307	Practical Course-I
PHY-308	Practical Course-II
PHY-309	Project
PHY-111	Mechanics And Properties Of Matter
PHY-112	Electricity And Magnetism
PHY-113	Practical Course - I
PHY-121	Heat And Thermodynamics
PHY-122	Theoretical Physics
PHY-123	Practical Course - II
PHY-101	Mathematical Methods for Physics
PHY-102	Classical Mechanics
PHY-103	Quantum Mechanics
PHY-104	Solid State Physics
PHY-105	Basic Physics Laboratory I
PHY-201	Statistical Mechanics
PHY-202	Classical Electrodynamics
PHY-203	Material Science
PHY-204 (A)	Physics of Semiconductor devices
PHY-205	Basic Physics Laboratory II
PHY-301	Atomic and Molecular Physics
PHY-302 (A)	Materials Synthesis Methods
PHY-303 (A)	Systematic Materials Analysis
PHY-304	PHY 304 Special Laboratory I
PHY-305	Project Work- I(Literature Survey, Definition of
PHY-401	Nuclear Physics
PHY-402 (A)	Nanomaterials: Synthesis, Properties and
PHY-403	Renewable Energy Sources
PHY-404	Special Laboratory II



B.Sc. Chemistry	PHY-405	Project Work- II (Characterization, Analysis of
	CH-351	Physical Chemistry
	CH-352	Inorganic Chemistry
	CH-353	Organic Chemistry
	CH-354	Analytical Chemistry
	CH-355	Industrial Chemistry
	CH-356 (A)	Bio Chemistry
	CH-356 (B)	Environment Chemistry
	CH-357	Physical Chemistry Practical
	CH-358	Inorganic Chemistry Practical
	CH-359	Organic Chemistry Practical
	CH-361	Physical Chemistry
	CH-362	Inorganic Chemistry
	CH-363	Organic Chemistry
	CH-364	Analytical Chemistry
	CH-365	Industrial Chemistry
	CH-366 (C)	Polymer Chemistry
	CH-366(D)	Chemistry In Every Day Life
	CH-367	Physical Chemistry Practical
	CH-368	Inorganic Chemistry Practical
	CH-369	Organic Chemistry Practical
	CH-231	Physical and Inorganic Chemistry
	CH-232	Organic and Analytical Chemistry
	CH-111	Physical Chemistry & Inorganic Chemistry
	CH-121	Physical Chemistry & Inorganic Chemistry
CH-112	Organic and Inorganic Chemistry	
CH-122	Organic and Inorganic Chemistry	
CH-113	Chemistry Practical	
CH-123	Chemistry Practical	
CH-350	Organic Reaction Mechanism	
CH-110	Physical Chemistry – I	
CH-130	Inorganic Chemistry – I	
CH-150	Basic Organic Chemistry	
CH-P-1	Physical Chemistry Practical (Annual)	
CH-I-1	Inorganic Chemistry Practical (Annual)	
CH-O-1	Organic Chemistry Practical (Annual)	
CH-210	Physical Chemistry – II	
CH-230	Inorganic Chemistry – II	
CH-250	Name Reactions, Synthetic Organic Chemistry & General Chemistry	
CH-290	General Chemistry	
CH-350	Organic Reaction Mechanism	
CH-351	Spectroscopic Methods in Structure	
CH-352	Organic Stereochemistry	
CH-353	Free radical, photochemistry, Pericyclic reaction	
CH-450	Chemistry of Natural Product	
CH-451	Synthetic Methods in Organic Chemistry	
CH-452	Heterocyclic chemistry, Chiron approach and	
CH-O-2	Ternary mixture separation (Annual)	
CH-O-3	Three stage preparations (Annual)	
CH-O-4	Short Research Project (Annual)	
M.Sc. Organic Chemistry	ELE 111	Analog Electronics – I
	ELE 112	Digital Electronics - I
	ELE 113	Practical Course
	ELE 211	Analog Electronics – II



BSc Electronics	ELE 212	Digital Electronics - II	
	ELE 213	Practical Course	
	ELE 231	Analogue Circuits and Applications	
	ELE 232	Instrumentation	
	ELE 233	Practical Course	
	ELE 241	Linear Integrated Circuits & Applications	
	ELE 242	8085 Microprocessor	
	ELE 243	Practical Course	
	ELE 351	Semiconductor Physics	
	ELE 352	Basic Communication System	
	ELE 353	Microprocessor I	
	ELE 354	Programming in C	
	ELE 355	Microcontroller 8051	
	ELE 356	Consumer Electronics	
	ELE 357	General Lab	
	ELE 358	Microprocessor, Microcontroller, C	
	ELE 359	Project	
	ELE 361	Electrodynamics	
	ELE 362	Advance Communication System	
	ELE 363	Microprocessor II	
	ELE 364	Numerical Simulation in Electronics	
	ELE 365	Embedded System	
	ELE 366	Industrial & Power Electronics	
	ELE 367	General Lab	
	ELE 368	Microprocessor, Microcontroller, C	
	ELE 369	Project	
	BSc Computer Science	CS 111	Basic Of Computer
		CS 121	C Programming-I
		CS 103	Practical Course
		CS 112	Basic Of DBMS
		CS 122	C Programming-II
		CS 121	Practical Course
		Comp 211	Data Structure-I
		Comp 212	Programming in C++
		comp 221	Data Structure-II
		Comp 222	Programming In C++-II
Comp203		Practical Course Annual	
CS 311		System Programming	
CS 312		Advanced DBMS	
CS 313		Software Engineering	
CS 314		Computer Aided Graphics	
Cs 315		Vb.Net	
CS 316(B)		Java Programming-I	
CS 321		Operating System	
CS 322		Sql Server 2008	
CS 323		Internet Computing	
CS 324		Theoretical Computer Science	
Cs 325		Basic Of Microprocessor And Computer	
CS 326(B)		Java Programin-II	
CS Lab 301		Lab On System Programming & sql Server 2008	
CS Lab 302		Lab On Vb.Net, Internet Computing & Computer	
CS Lab 303(B)		Lab on Java programming -I&II	
CS 101		Advanced C++ Programming	
Cs 102		Automata Theory And Computability	



MSc Computer Science	CS 103	Advanced Operating System	
	CS 104	Digital Image Processing	
	CS 105	Lab On Advanced O/S & Image Processing	
	CS 106	lab On C++ Programming	
	CS 201	Advanced Java Programming	
	CS 202	Machine Intelligence	
	CS 203	Compiler Construction	
	CS 204	Design And Analysis Of Algorithm	
	CS 205	Lab On DAA & MI	
	CS 106	Lab On Advanced Java Programming	
	CS 301	Software Engineering	
	CS 302	Optimization Algorithm	
	CS 303	Internet Computing	
	CS 304	Windows & Visual C++ Programming	
	CS 305	Lab On Windows Programing & VC++	
	CS 306	Lab on Internet Computing	
	CS 401	Natural Language Processing	
	CS 402	Advncd Network programming	
	CS 403	Data mining	
	CS 404	lab On Network Programming & Data Mining	
	CS 405	Mini Project	
	BSc Mathematics	MTH-111	Theory of Matrices
		MTH-112	Calculus
		MTH-113(B)	Grigh Theory
		MTH-121	Differential Equations
MTH-122		Algebra	
MTH-123(A)		Laplace Transforms	
MTH-231		Advanced Calculus	
MTH-232(A)		Topics in Algebra	
MTH-241		Complex Analysis	
MTH-242(A)		Topics in Differential Equations	
MTH-231		Practical course	
MTH-232		Practical course	
MTH-241		Practical course	
MTH-242(A)		Practical course	
MTH-351		Metric Spaces	
MTH-352		Real analysis-I	
MTH-353		Abstract Algebra	
MTH-354		Dynamics	
MTH-355(B)		Number Theory	
MTH-356(A)		Programming in C	
MTH-361		Vector Calculus	
MTH-362		Real Analysis-II	
MTH-363		Linear Algebra	
MTH-364		Differential Equations	
MTH-365(A)		Operation Research	
MTH-366(A)		Applied Numerical Methods	
MTH-307		Practical Course Based On (MTH-	
MTH-308		Practical Course Based On (MTH-	
MTH-309		Practical Course Based On (MTH-	
ZOO 111		Non-Chordates-I	
ZOO 112	Parasitology		
ZOO 121	Chordates -I		
ZOO 122	Ecology		



BSc Zoology	ZOO 103	Practicals related to ZOO 111, 112, 211, and 212
	ZOO-231	Non-chordates – II
	ZOO-232	Mammalian Histology
	ZOO-241	Chordates – II
	ZOO-242	Mammalian Physiology I
	ZOO 222	Practicals corresponding to ZOO 222
	ZOO 351	NON CHORDATES- III
	ZOO 352	Cell and Molecular Biology
	ZOO 353	Developmental Biology
	ZOO 354	BIOCHEMISTRY
	ZOO 314	PRACTICALS ON BIOCHEMISTRY
	ZOO 355	Research Methodology
	ZOO-356 (D)	Aquaculture and Fisheries
	ZOO 356	Animal Behavior
	ZOO-356 A	BIOTECHNOLOGY
	ZOO 356 B	SERICULTURE
	ZOO 361	Chordates - III
	ZOO 362	GENETICS
	ZOO-363	Systematics, Evolution and Palaeontology
	ZOO 364	Economic Zoology
	ZOO 365	MITROTECHNIQUE
	Zoo-366 B	Agricultural Pests and their Control
	Zoo 366 A	Bioinformatics
	ZOO 366 C	TOXICOLOGY
ZOO 366 D	Public Health and Hygiene	
MSc. Zoology	ZOO 101	(A) Structural and functional anatomy of (B) Biostatistics
	ZOO 102:	(A) Cellular Organization (B) Molecular Biology
	ZOO 103	(A) Ecology (B) Animal Behaviour
	ZOO 104:	Practical 101 (A) + 101(B) +102(A)
	ZOO 105	Practical 102(B) + 103(A) + 103(B)
	ZOO 201	(A) Structural and functional anatomy of (B) Immunology
	ZOO 202	(A) Biochemistry (B) Enzymology
	ZOO 203	(A) Developmental Biology (B) Genetics
	ZOO 204	Practical 201 (A)+ 201 (B) +202(A)
	BSc. Botany	BOT:111.
BOT:112.		Cell Biology
BOT:121.		Higher Cryptogams
BOT:122.		Economic Botany
BOT. 103		Botany practical based on BOT.111,112,121,122
BOT. 211:		Morphology and Taxonomy of Angiosperms
BOT. 221:		Plant Physiology
BOT. 221:		Plant Anatomy
BOT. 222:		Applied Botany
BOT. 203		Botany practical
BOT. 351		Diversity of Lower Cryptogams
BOT. 352		Taxonomy of Angiosperms
BOT. 353		Genetics and Molecular Biology
BOT. 354		Paper IV : Advanced Plant Physiology



	BOT_355	Paper V : Plant Ecology and Phytogeography	
	BOT_356	1 : Plant Biotechnology	
	BOT_361	Paper I : Diversity of Higher Cryptogams	
	BOT_362	Paper II : Gymnosperms & Paleobotany	
	BOT_363	Paper III : Plant Breeding	
	BOT_364	Paper IV : Plant Biochemistry	
	BOT_365	Paper V : Embryology & Palynology	
BSc. Biotechnology	BT 111	Foundation of Biotechnology	
	BT 112	Methods in Biotechnology	
	BT 113	Basic Technique in Biotechnology I	
	BT 121	Biomolecules	
	BT 122	Microbial techniques	
	BT 123	Basic Technique in Biotechnology II	
BSc. Microbiology	MB111	Elementary Microbiology	
	MB112	Microscopy and Basic biochemistry	
	MB121	Cell Biology of Microorganisms	
	MB122	Methods in Microbiology	
	MB103	Basic Techniques in Microbiology	
	MB 211	Fundamental Biochemistry	
	MB 212	Genetics and Immunology	
	MB 221	Microscopy and Microbial Ecology	
	MB 222	Basic microbial biotechnology	
	MB 203	Methods in Microbiology	
	MB 311	Microbial Genetic	
	MB 312	Fermentation Technology	
	MB 313	Microbial Metabolism	
	MB 314	Medical Microbiology	
	MB 315	Immunology	
	MB 316	Applied Microbiology	
	MB 321	Molecular Biology	
	MB 322	Pharmaceutical Microbiology	
	MB 323	Enzymology	
	MB 324	Clinical Microbiology	
	MB 325	Diagnostic Immunology	
	MB 326	Environmental Microbiology	
	MB 307	Techniques in Diagnostic Microbiology	
	MB 308	Techniques in Industrial Microbiology	
	MB 309	Techniques in Applied Microbiology	
	MB111	Elementary Microbiology	
	MB112	Microscopy and Basic Biochemistry	
	MB121	Cell Biology of Microorganism	
	MB122	Methods in Microbiology	
	MB113	Basic Techniques in Microbiology I	
	MB 123	Basic Techniques in Microbiology II	
		MB-101	Microbial Diversity
		MB-102	Microbial Biochemistry
		MB-103	Bio-instrumentation
	MB-104	Methods in Microbiology	
	MB-105	Methods in Biochemistry	
	MB-201	Microbial Genetics	
	MB-202	Microbial Enzymology	
	MB-203	Immunology	
	MB-204	Methods in Enzymology	
	MB-205	Methods in Molecular Biology	



**M.Sc
Microbiology**

MB-301	Applied and Environmental Microbiology
MB-302	Molecular Biology and Bioinformatics
MB-303	Pharmaceutical Microbiology
MB-304	Methods in Biostatistics and Bioinformatics
MB-305	Methods in Applied Microbiology
MB-401	Fermentation Technology
MB-402	Applied Molecular Biology
MB-403	Agricultural Microbiology
MB-404	Methods in Biotechnology
MB-405	Project Dissertation
MB-101	Microbial Diversity
MB-102	Microbial Biochemistry
MB-103	Bio-instrumentation
MB-104	Methods in Microbiology
MB-105	Methods in Biochemistry
MB-105	Methods in Biochemistry
MB-201	Microbial Genetics
MB-202	Microbial Enzymology
MB-203	Immunology
MB-204	Methods in Enzymology
MB-205	Methods in Molecular Biology
1	English for Business
2	Marathi
3	Micro Economic Analysis
4	Financial & Cost Accounting
5	Quantitative Techniques & Computing Skills
6a	Modern Office Management
7a	Principles & Practices of Banking
7c	Marketing & Advertising
1	Macroeconomic Analysis
2	BUSINESS AND TAX LAWS
3	BUSINESS MANAGEMENT
4	CORPORATE ACCOUNTING & COSTING
5	BUSINESS COMMUNICATION
6a	ENTERPRENEURSHIP DEVELOPMENT
7a	Modern Banking & Financial System
1	Macro economic
2	BUSINESS AND TAX LAWS
3	BUSINESS MANAGEMENT
4	CORPORATE ACCOUNTING & COSTING
5	BUSINESS COMMUNICATION
6a	ENTERPRENEURSHIP DEVELOPMENT
7a	Modern Banking & Financial System
407a	Modern Banking & Financial System
1	Indian Economic Scenario
2	Principles & Practice of Auditing
3	Income Tax & Competitive Skills
4	Human Resource Management
5a	Modern Management Techniques
6a	Advanced Accounting I & II
7	Advanced Cost & Management Accounting I & II
101	Economics of Industries
102	Strategic Management
103	Research Methodology in commerce &

BCOM



MCOM	104a	Advanced Accountancy
	104c	Human Resources Management
	104d	Marketing Management
	201	Economics of Environment
	202	Case Studies in Strategic Management
	203a	Management Science
	203c	Banking and Insurance
	204a	Advanced Accountancy
	204c	Human Resources Management
	204d	Marketing Management
	301	Management Accounting
	302	Entrepreneurship Development
	303	Organization Behaviour
	304a	Advanced Accountancy
	304c	Human Resources Management
	401	Production & Operations Management
	402	Modern Retail Management
	403	Information System for Business
	404a	Advanced Accountancy
	404c	Human Resources Management
	404d	Marketing Management
	301	Management Accounting
	302	Entrepreneurship Development
	303	Organization Behaviour
	304a	Advanced Accountancy
	304c	Human Resources Management
	401	Production & Operations Management
	402	Modern Retail Management
	403	Information System for Business
	404a	Advanced Accountancy
	404c	Human Resources Management
	404d	Marketing Management
BBA	A1.1	Foundation Course for Managers
	A1.2	Professional Communication-I
	A1.3	Principles of Management
	A1.4	Principles of Economics
	A1.5	Computer Fundamentals & Office Automation
	A1.6	Practical on Professional
	A1.7	Practical on Office Automation
	A2.1	Financial Accounting and costing
	A2.2	Professional Communication -II
	A2.3	Organisational Behavior
	A2.4	Managerial Economics
	A2.5	Internet & Application
	A2.6	Practical on Professional communication-II
	A2.7	Practical on Internet & Application
	A3.1	Mathematics & Statistics for Managers
	A3.2	Corporate governance
	A3.3	Career Management & Counseling
A3.4	Production & Materials Management	
A3.5	Corporate Accounting	
A3.6	Practical on Tally ERP 9.0	
A3.7	Practical based on Advanced Excel	
A4.1	Research Methodology	



	A4.2	Corporate Law
	A4.3	ICT in Taxation
	A4.4	Cyber Crime & Security Law
	A4.5	Cost Accounting
	A4.6	Practical based on E -Commerce
	A4.7	Practical on ICT in Taxation
BCA	BCA 11	Foundation Course for Managers
	BCA 12	Professional Communication
	BCA 13	Fundamentals of Computer & Internet
	BCA 14	Programming in C++ Part I
	BCA 15	Practical on Internet & HTML
	BCA 16	Practical on Professional Communication
	BCA 17	Practical on C++ Part
	BCA 21	Financial Accounting & Costing
	BCA 22	Professional Communication II
	BCA 23	Database Management
	BCA 24	Programming in C++ Part II
	BCA 25	Practical on MS-Access & Oracle
	BCA 26	Practical on Professional Communication II
	BCA 27	Practical on C++ Part II
	BCA31	Mathematics and Statistics for Managers
	BCA32	Computer Animation Using Flash
	BCA33	Career Management & Counseling
	BCA34	Java Programming
	BCA35	Practical on Computer Animation
	BCA36	Practical on Java
	BCA37	Practical on Tally ERP
	BCA41	C# .Net
	BCA42	Stock And Commodity Market
	BCA43	Data Structure
	BCA44	Cyber Crime and Security
	BCA45	Practical on Transaction related to Stock And
	BCA46	Practical on Data Structure using C++
BCA47	Practical on C# .Net	
MMS(CM)	1.1	Principles of Management
	1.2	Financial Accounting
	1.3	Web Designing and Web Authoring Tools
	1.4	ICT fundamentals & Office Automation
	1.5	Programming in C
	1.6	Lab I-Practical on Tally ERP & Web Designing
	1.7	Lab II-Practical on Office Automation & C
	2.1	Communication Skills
	2.2	Management Information System
	2.3	System Analysis and Design
	2.4	RDBMS
	2.5	Object Oriented Programming using C++
	2.6	Lab III-Practical on RDBMS
	2.7	Lab IV-Practical on C++
	3.1	CRM & Digital Marketing
	3.2	Cyber Security and IT Act
3.3	Graphics & Animation	
3.4	Web Scripting with PHP and MySQL	
3.5	C# .Net Programming 4.5 Project Work	
3.6	Lab V-Practical on Graphics & Animation & PHP	



	3.7	Lab VI-Practical on C#,NET Programming
	4.1	Human Resource Management
	4.2	E-commerce and M-commerce
	4.3	Internet Computing with ASP.NET
	4.4	Java Programming
	4.6	Lab VII-Practical on ASP.NET
	4.7	Lab VIII-Practical on Java Programming
BA Psychology (General Subject)	PSY-101	Fundamental Psychology
	PSY-201	Social Psychology
	Psy- 231-C	Human Development of Psychology – Early Life
	Psy- 231-D	Human Development of Psychology – Later Life
	Psy - 351	Management of Interpersonal Relations
	Psy -361	Adjustment of Life Span
BA History (General Subject)	HIS - G - 101	History of Indian Freedom Movement (1857 -
	HIS - G - 201	History of Indian Freedom Movement (1905 -
	HIS 231(G-2)	Rise of Maratha Power (1630-1674)
	HIS 241 (G-2)	Rise of Maratha Power (1674-1707)
	HIS(G3) 351	HISTORY OF MODERN WORLD (1789-1900)
	HIS(G3) 361	HISTORY OF MODERN WORLD (1901-1945)
BA Music (General Subject)	MUS G101	Hindustani Sangeet Gayan
	MUS G201	Hindustani Sangeet Gayan
	MUS G231	Hindustani Sangeet Gayan
	MUS G241	Hindustani Sangeet Gayan
	MUS G351	Hindustani Sangeet Gayan
	MUS G361	Hindustani Sangeet Gayan
All UG Programs	5555/5555	Environmental Studies
All UG Programs	99999	General Knowledge




PRINCIPAL
 Mahatma Gandhi Pratishthan Wadhwa's
 Arts, Science & Commerce College,
 Gopich Tal-Chhapra Dist-Jalgaon(GJ.)



Mahatma Gandhi Shiksha Mandal's

ARTS, SCIENCE AND COMMERCE COLLEGE

Chopda Dist. Jalgaon, P.B.No.14, Pin - 425107

Affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

NAAC Re-Accredited 'B' Grade

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Date: ___/___/___

List of courses offered across all programs by the Institution

ACADEMIC YEAR : 2017-18

Program Name	Course code	Course Name
BA ENGLISH	CENG-231	Compulsory English
	CENG-241	Compulsory English
	ENG-232	16th Century English Literature
	ENG-242	17th Century English Literature
	ENG-233	18th Century English Literature
	ENG-243	19th Century English Literature
	ENG-231	The Study of Novel
	ENG-241	The Study of Novel
	Business Communication
	CENG - 351	Compulsory English
	CENG 361	Compulsory English
	ENG-352	Indian Writing in English and American Literature
	ENG 362	Indian Writing in English and American Literature
	ENG-353	The Study of English Language
	ENG-363	The Study of English Language
	ENG - 351	The Study of Drama
	ENG - 361	The Study of Drama
	CENG -101	Compulsory English
	CENG -201	Compulsory English
	OENG -101	Optional English
OENG -201	Optional English	
MA English	ENG: 231	Literary Theory and Criticism
	ENG 241	Literary Theory and Criticism
	ENG: 232	Literatures in English: Fiction
	ENG 242	Literatures in English: Fiction
	ENG: 233	English Language and Literature Teaching
	ENG 243	English Language and Literature Teaching
	ENG: 234 (B)	Cultural Studies



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Mahatma Gandhi Shiksha Mandal's
Arts, Science & Commerce College,
Chopda Tal. Chopda Dist. Jalgaon (GJ)

MA English	ENG 244 (B)	Cultural Studies
	ENG 111	An Introduction to Linguistics
	ENG 121	An Introduction to Linguistics
	ENG 112	English Poetry
	ENG 122	English Poetry
	ENG 113	English Drama
	ENG 122	English Drama
	ENG 114 (A)	Indian Writing in English
	ENG 124 (A)	Indian Writing in English
	BA MARATHI	MAR- 10217
MAR - 10227		
MAR - 231 A		SYBA Marathi General Vadmay prakarancha abhyas-kadambari
MAR - 241 A		
MAR - 232		SYBA Marathi S-1 Madhyayugin Padya vadngmay prakarancha abhyas
MAR - 242		
MAR - 233		SYBA Marathi S-2 Sahitya swaraup vichar
MAR - 243		
MAR - 351		TYBA Marathi Gen Vadmayin Marathi -Natak
MAR - 361		
MAR - 353		TYBA Marathi S-3 Adhunik Marathi vadmayacha itihis 1920-1960
MAR - 363		
MAR - 354		TYBA Marathi S-4 Bhashavidnyan
MAR - 364		
MA Marathi	MAR - 111	MA Marathi Part-I Mdhyayugin Marathi Vdmeyacha itihis
	MAR 121	
	MAR 112	MA Marathi Part-I sahitya samiksha
	MAR 122	
	MAR 113	MA Marathi Part Iekhakacha abhyas- anrabhau sathe
	MAR 123	
	MAR 114 A	MA Marathi Part Seivadi sahitya
	MAR 114 B	
	MAR 231	MA Paper-5 Swatantryottar Kalkhandatil Sahitya Pravah
	MAR 241	
	MAR 232	MA Paper-6 samajbhasha vidnyan
	MAR 242	
	MAR 233	MA Paper-7 Madhyayugin padya Prakaracha Abhyas- Akhyankavva va Lavani
	MAR 243	
	MAR 234 A	MA Paper-8 Khandeshatil Loksahitya
	MAR 244 A	
BA HINDI	HIN G3-231 A)	Hindi Samanya
	HIN G3-241 A)	Hindi Samanya
	HIN S1-232	Kavyasahtra
	HIN S3-242	Kavyasahtra
	HIN S2-233	Upanyas Vidha (Daad)
	HIN S4-243	Natak Vidha (Kabira Khada bazar Main)
	HIN G3-351 A)	Hindi Samanya
	HIN G3-361 A)	Hindi Samanya
	HIN S3-352	Hindi Sahitya Ka Itihis
	HIN S3-353	Hindi Sahitya Ka Itihis
	HIN S3-362	Bhasha Vigyan Tatha Rashtra Bhasha Andolon ka
	HIN S3-363	Bhasha Vigyan Tatha Rashtra Bhasha Andolon ka
	HIN G1-111 A)	Hindi Samanya : PAPER I



	HIN GI-121 A)	Hindi Samanya : PAPER I
BA GEOGRAPHY	G3	POPULATION GEOGRAPHY
	G3	POLITICAL GEOGRAPHY
	S3	ENVIRONMENTAL GEOGRAPHY
	S3	REMOTE SENSING & GIS
	S4	ANNUAL PRACTICAL
	G1	PHYSICAL GEOGRAPHY : PAPER I
	G1	PHYSICAL GEOGRAPHY : PAPER II
	GG 211 (A)	HUMAN GEOGRAPHY
	GG 212 (A)	GEOGRAPHY OF TOURISM-I
	GG 213	PRACTICAL GEOGRAPHY-I
GG 221 (A)	ECONOMIC GEOGRAPHY	
GG 222 (A)	GEOGRAPHY OF TOURISM-II	
GG 214	PRACTICAL GEOGRAPHY-II	
MA/MSC GEOGRAPHY	GG 301	REGIONAL GEOGRAPHY OF USA
	GG 302	ENVIRONMENTAL GEOGRAPHY
	GG 303	GEOGRAPHICAL INFORMATION SYSTEM
	GG 304	WATERSHED MANAGEMENT & PLANNING
	GG 305	PRACTICAL OF PHYSICAL GEOGRAPHY WITH
	GG 401 [C]	GEOGRAPHY OF RURAL SETTLEMENT
	GG 402 [C]	URBAN GEOGRAPHY
	GG 403 (A)	RESEARCH METHODOLOGY
	GG 404 (A)	GEOGRAPHY OF TOURISM
	GG 405	INTERPRETATION OF TOPOGRAPHICAL
	GG 111	PRINCIPLES OF ECONOMIC GEOGRAPHY
	GG 112	PRINCIPLES OF POPULATION & SETTLEMENT
	GG 113	PRINCIPLES OF CLIMATOLOGY
	GG 114	PRINCIPLES OF GEOMORPHOLOGY
	GG 115	PRACTICAL IN GEOGRAPHY
	GG 211	GEOGRAPHICAL THOUGHTS
	GG 212	SOCIAL & CULTURAL GEOGRAPHY
	GG 213	REMOTE SENSING
GG 214	GEO-STATISTICAL METHODS	
GG 215	PRACTICAL OF COMPUTERIZED DATA	
BA ECONOMICS	ECO 231	Indian Economy since 1980 - I
	ECO 241	Indian Economy since 1980 - II
	ECO 232	Advanced Micro Economics - I
	ECO 242	Advanced Micro Economics - II
	ECO 233	Advanced Macro Economics - I
	ECO 243	Advanced Macro Economics - II
	HECO 231	Population, Marriage & Family in India - I
	HECO 241	Population, Marriage & Family in India - II
	ECO 351	Indian Economy since 1980 III
	ECO 361	Indian Economy since 1980 IV
	ECO 352 (A)	Public Finance and Policies - I
	ECO 362 (A)	Public Finance and Policies - II
	ECO 352 (B)	Economics of Indian Agriculture - I
	ECO 362 (B)	Economics of Indian Agriculture - II
	ECO 353 (A)	International trade and practices - I
	ECO 363 (A)	International trade and practices - II
	ECO 353 (B)	Indian Banking and practices I
	ECO 363 (B)	Indian Banking and practices II
HECO 351	Socio Economic Problem and Policies (with	
HECO 361	Socio Economic Problem and Policies (with	



MA ECONOMICS

ECO 231	Modern Monetary Economics - I
ECO 241	Modern Monetary Economics - II
ECO 232	Economics of development
ECO 242	Models of Economic growth
ECO 233	International Economics - I
ECO 243	International Economics - II
ECO 234	Modern banking and financial markets in India - I
ECO 244	Modern banking and financial markets in India - II
ECO 235	Computer application in Economic analysis - I
ECO 245	Computer application in Economic analysis - II
ECO 236	Mathematical Economics
ECO 246	Econometrics
ECO 237	Industrial Economics - I
ECO 247	Industrial Economics - II
Eco:111	Advanced Micro Economics: I
Eco:112	Modern Public Economics: I
Eco:113 A	Statistics for Economics
Eco:114 A	Economics of Agriculture & Rural Development
Eco:121	Advanced Micro Economics: II
Eco:122	Modern Public Economics: II
Eco:123 A	Research Methodology for Economics
Eco:124 A	Economics of Agriculture & Rural Development II

BA POLITICAL SCIENCE

POL - G -101-A	Indian Constitution
POL - G -201-A	Indian Constitution
POL 231(A - G2)	Socio - Political Movements
POL 241 (A -	Administration of Maharashtra
POL 232 (SPL -	Modern Political Ideologies
POL 242 (SPL -	Modern Political Ideologies
POL 233 (SPL -	Indian Political Thought
POL 243 (SPL -	Indian Political Thought
POL 351 (A -	Personnel Administration and
POL 361 (A -	Personnel Administration and
POL 352 (SPL -	Western Political Thought
POL 362 (SPL -	Western Political Thought
POL 353 (SPL -	Modern Political Analysis
POL 363 (SPL -	Modern Political Analysis
POL - G -101-A	Introduction to Indian Constitution
POL - G -201-A	Introduction to Indian Constitution

MA POLITICAL SCIENCE

POL 231	Socio - Political Research Methods
POL 241	Socio - Political Research Methods
POL 232	Comparative Political Process
POL 242	Comparative Political Process
POL 233	International Relations
POL 243	International Relations
POL 234 (B)	UN and Regional Organizations
POL 244 (B)	UN and Regional Organizations
POL -111	India's Foreign Affairs
POL-121	India's Foreign Affairs
POL -112	Global Political Issues
POL-122	Global Political Issues
POL-113	Political Process in Indian Federation
POL-123	Political Process in Indian Federation
POL-114-A	Public Administration
POL-124-A	Public Administration



BSC PHYSICS	PHY-111	Mechanics And Properties Of Matter	
	PHY-112	Electricity And Magnetism	
	PHY-113	Practical Course - I	
	PHY-121	Heat And Thermodynamics	
	PHY-122	Theoretical Physics	
	PHY-123	Practical Course - II	
	PHY-231	Waves and Oscillations	
	PHY-232 (A)	Electronics- I	
	PHY-232 (B)	Instrumentation -I	
	PHY-241	Modern Physics	
	PHY-242	Optics	
	PHY-233	Practical course-I	
	PHY-243	Practical course-II	
	PHY-351	Mathematical Physics	
	PHY-352	Classical Mechanics	
	PHY-353	Atomic and Molecular Physics	
	PHY-354(B)	Instrumentation II	
	PHY-355	Solid State Physics	
	PHY-356(D)	Microprocessor- I	
	PHY-357	Practical Course-I	
	PHY-358	Practical Course-II	
	PHY-359	Project work-I	
	PHY-361	Classical Electrodynamics	
	PHY-362	Quantum Mechanics	
	PHY-363	Nuclear Physics	
	PHY-364	Statistical Mechanics and Thermodynamics	
	PHY-365	Elements of Material Science	
	PHY-366(D)	Microprocessor- II	
	PHY-367	Practical Course-III	
	PHY-368	Practical Course-IV	
	PHY-369	Project work-I	
	MSC PHYSICS	PHY-301	Atomic and Molecular Physics
		PHY-302 (A)	Materials Synthesis Methods
PHY-303 (A)		Systematic Materials Analysis	
PHY-304		PHY 304 Special Laboratory I	
PHY-305		Project Work- I (Literature Survey, Definition of	
PHY-401		Nuclear Physics	
PHY-402 (A)		Nanomaterials: Synthesis, Properties and	
PHY-403		Renewable Energy Sources	
PHY-404		Special Laboratory II	
PHY-405		Project Work- II (Characterization, Analysis of	
PHY 101		Mathematical Methods for Physics	
PHY 102		Classical Mechanics	
PHY 103		Quantum Mechanics	
PHY 104		Solid State Physics	
PHY 105		Basic Physics Laboratory - I	
PHY 201		Statistical Mechanics	
PHY 202		Classical Electrodynamics	
PHY 203		Material Science	
PHY 204 (A)		Physics of Semiconductor Devices	
PHY 205		Basic Physics Laboratory - II	
CH	CH-111	Physical Chemistry & Inorganic Chemistry	
	CH-121	Physical Chemistry & Inorganic Chemistry	
	CH-112	Organic and Inorganic Chemistry	



BSC CHEMISTRY

CH-122	Organic and Inorganic Chemistry
CH-113	Chemistry Practical
CH-123	Chemistry Practical
CH-231	Physical and Inorganic Chemistry
CH-232	Organic and Analytical Chemistry
CH-233	Chemistry Practical
CH-241	Physical and Inorganic Chemistry
CH-242	Organic and Analytical Chemistry
CH-243	Chemistry Practical
CH-351	Physical Chemistry
CH-352	Inorganic Chemistry
CH-353	Organic Chemistry
CH-354	Analytical Chemistry
CH-355	Industrial Chemistry
CH-356 (A)	Bio Chemistry
CH-356 (B)	Environment Chemistry
CH-357	Physical Chemistry Practical
CH-358	Inorganic Chemistry Practical
CH-359	Organic Chemistry Practical
CH-361	Physical Chemistry
CH-362	Inorganic Chemistry
CH-363	Organic Chemistry
CH-364	Analytical Chemistry
CH-365	Industrial Chemistry
CH-366 (C)	Polymer Chemistry
CH-366 (D)	Chemistry In Every Day Life
CH-367	Physical Chemistry Practical
CH-368	Inorganic Chemistry Practical
CH-369	Organic Chemistry Practical
CH-350	Organic Reaction Mechanism
CH-350	Organic Reaction Mechanism
CH-351	Spectroscopic Methods in Structure Determination
CH-352	Organic Stereochemistry
CH-353	Free radical, photochemistry, Pericyclic reaction and their applications
CH-450	Chemistry of Natural Product
CH-451	Synthetic Methods in Organic Chemistry
CH-452	Heterocyclic chemistry, Chiron approach and
CH-O-2	Ternary mixture separation (Annual)
CH-O-3	Three stage preparations (Annual)
CH-O-4	Short Research Project (Annual)
CH-110	Physical Chemistry - I
CH-130	Inorganic Chemistry - I
CH-150	Basic Organic Chemistry
CH-P-1	Physical Chemistry Practical (Annual)
CH-I-1	Inorganic Chemistry Practical (Annual)
CH-O-1	Organic Chemistry Practical (Annual)
CH-210	Physical Chemistry - II
CH-230	Inorganic Chemistry - II
CH-250	Name Reactions, Synthetic Organic Chemistry &
CH-290	General Chemistry
ELE 111	Analogy Electronics - I
ELE 112	Digital Electronics - I

M.Sc. Organic Chemistry



	ELE 113	Practical Course	
	ELE 211	Analog Electronics - II	
	ELE 212	Digital Electronics - II	
	ELE 213	Practical Course	
	ELE 231	Analog Circuits and Applications	
	ELE 232	Instrumentation	
	ELE 233	Practical Course	
	ELE 241	Linear Integrated Circuits & Applications	
	ELE 242	8085 Microprocessor	
	ELE 243	Practical Course	
	ELE 351	Semiconductor Physics	
	ELE 352	Basic Communication System	
BSc Electronics	ELE 353	Microprocessor I	
	ELE 354	Programming in C	
	ELE 355	Microcontroller 8051	
	ELE 356	Consumer Electronics	
	ELE 357	General Lab	
	ELE 358	Microprocessor, Microcontroller, C	
	ELE 359	Project	
	ELE 361	Electrodynamics	
	ELE 362	Advance Communication System	
	ELE 363	Microprocessor II	
	ELE 364	Numerical Simulation in Electronics	
	ELE 365	Embedded System	
	ELE 366	Industrial & Power Electronics	
	ELE 367	General Lab	
	ELE 368	Microprocessor, Microcontroller, C	
	ELE 369	Project	
	MSc Electronics	ELE 101	Solid State Electronics
		ELE 102	VLSI Tools and Techniques
ELE 103		Analog Circuit Analysis	
ELE 104		Industrial Automation and Process Control	
ELE 105		Practical * Lab I	
ELE 201		Optoelectronic Devices	
ELE 202		Java Programming	
ELE 203		Microcontrollers and Application	
ELE 204		Advanced Communication System	
ELE 205		Practical * Lab II	
ELE 301		Digital Signal Processing	
ELE-302		Microwave Devices and Circuits	
ELE-303		Embedded System Design	
ELE-304		Practical * Lab III & Seminars#	
ELE-305		Project I	
ELE-401		Network Analysis and Synthesis	
ELE-402		Nanoelectronics and MEMs	
ELE-403(A)		Control systems	
ELE-403(B)		ASIC & FPGA	
ELE-404		Practical * Lab III & Seminars#	
ELE-405		Project II	
	CS 111	Basic Of Computer	
	CS 121	C Programming-I	
	CS 103	Practical Course	
	CS 112	Basic Of DBMS	
	CS 122	C Programming-II	



BSc Computer Science

CS 121	Practical Course
Comp 211	Data Structure-I
Comp 212	Programming in C++
comp 221	Data Structure-II
Comp 222	Programming In C++-II
Comp203	Practical Course Annual
CS 311	System Programming
CS 312	Advanced DBMS
CS 313	Software Enggnering
CS 314	Computer Aided Graphics
Cs 315	Vb.Net
CS 316(B)	Java Programming-I
CS 321	Operating Ssystem
CS 322	Sql Server 2008
CS 323	Internet Computing
CS 324	Theoretical Computer Science
Cs 325	Basic Of Microprocessor And Computer Network
CS 326(B)	Java Programin-II
CS Lab 301	Lab On System Programming & sql Server 2008
CS Lab 302	Lab On Vb.Net, Internet Computing & Computer
CS Lab 303(B)	Lab on Java programming -I&II
CS 101	Advanced C++ Programming
Cs 102	Automata Theory And Computability
CS 103	Advanced Operating System
CS 104	Digital Image Processing
CS 105	Lab On Advanced O.S & Image Processing
CS 106	lab On C++ Programming
CS 201	Advanced Java Programming
Cs 202	Machine Intalligence
CS 203	Compiler Construction
CS 204	Design And Anlysis Of Algorithm
CS 205	Lab On DAA & MI
CS 106	Lab On Advanced Java Programming
CS 301	Software Enggnering
Cs 302	Optimization Algorithms
CS 303	Internet Computing
CS 304	Windows & Visual C++ Programming
CS 305	Lab On Windows Programind & VC++
CS 306	Lab on Internet Computing
CS 401	Natural Language Processing
Cs 402	Advncd Network programming
CS 403	Data mining
CS 404	Lab On Network Programming & Data Mining
CS 405	Mini Project
MTH-111	Theory of Matrices
MTH-112	Calculus
MTH-113(B)	Graph Theory
MTH-121	Differential Equations
MTH-122	Algebra
MTH-123(A)	Laplace Transforms
MTH-231	Advanced Calculus
MTH-232(A)	Topics in Algebra
MTH-241	Complex Analysis
MTH-242(A)	Topics in Differential Equations

MSc Computer Science



BSc Mathematics	MTH-231	Practical course
	MTH-232	Practical course
	MTH-241	Practical course
	MTH-242(A)	Practical course
	MTH-351	Metric Spaces
	MTH-352	Real analysis-I
	MTH-353	Abstract Algebra
	MTH-354	Dynamics
	MTH-355(B)	Number Theory
	MTH-356(A)	Programming in C
	MTH-361	Vector Calculus
	MTH-362	Real Analysis-II
	MTH-363	Linear Algebra
	MTH-364	Differential Equations
	MTH-365(A)	Operation Research
	MTH-366(A)	Applied Numerical Methods
	MTH-307	Practical Course Based On (MTH-351,352,361,362)
	MTH-308	Practical Course Based On (MTH-353,354,363,364)
	MTH-309	Practical Course Based On (MTH-355,356,365,366)
	BSc Zoology	ZOO 111
ZOO 112		Parasitology
ZOO 121		Chordates -I
ZOO 122		Ecology
ZOO 103		Practicals related to ZOO 111, ZOO 112, ZOO
ZOO-231		Non-chordates – II
ZOO-232		Mammalian Histology
ZOO-241		Chordates – II
ZOO-242		Mammalian Physiology I
ZOO 222		Practicals corresponding to ZOO 222
ZOO 351		NON CHORDATES- III
ZOO 352		Cell and Molecular Biology
ZOO 353		Developmental Biology
ZOO 354		BIOCHEMISTRY
ZOO 314		PRACTICALS ON BIOCHEMISTRY
ZOO 355		Research Methodology
ZOO-356 (D)		Aquaculture and Fisheries
ZOO 356		Animal Behavior
ZOO-356 A		BIOTECHNOLOGY
ZOO 356 B		SERICULTURE
ZOO 361		Chordates - III
ZOO 362		GENETICS
ZOO-363		Systematics, Evolution and Palaeontology
ZOO 364		Economic Zoology
ZOO 365		MITROTECHNIQUE
Zoo-366 B		Agricultural Pests and their Control
Zoo 366 A		Hirudinematics
ZOO 366 C		TOXICOLOGY
ZOO 366 D		Public Health and Hygiene
ZOO 301		Special Paper Entomology – I
		(A) Insect Taxonomy and Morphology – I
		(B) Insect Taxonomy and Morphology - II
		Special Paper Animal Physiology – I
	(A) Animal Physiology section – I	
	(B) Animal Physiology section – II	



MSC ZOOLOGY		Special Paper Reproductive Physiology – I
		(A) Reproductive Physiology – I
		(B) Reproductive Physiology – II
	ZOO 302	(A) Freshwater Zoology
		(B) Skills in scientific communication and writing
	ZOO 303	(A) Medical physiology / Insect Anatomy
		(B) Animal Biotechnology
	ZOO 304	Practical 301 (A) + 301(B) + 302(A)
	ZOO 305	Practical 302(B) + 303(A) + 303(B)
	ZOO 401	Special Paper Entomology – II
		(A) Insect Taxonomy and Morphology - I
		(B) Insect Taxonomy and Morphology - II
	ZOO 401	Special Paper Animal Physiology – II
		(A) Animal Physiology section – I
		(B) Animal Physiology section – II
	ZOO 401	Special Paper Reproductive Physiology – II
		(A) Reproductive Physiology – I
		(B) Reproductive Physiology – II
	ZOO 402	(A) Systematic and evolutionary biology
		(B) Advanced methods in biology
ZOO 403	(A) Fundamental processes and advanced tool in	
	(B) Forensic Zoology	
ZOO 404	Practical 401 (A) + 401 (B) + 402(A)	
ZOO 405	Practical 402(B) + 403(A) + 403(B)	
BSc. Botany	BOT:111	Lower Cryptogams
	BOT:112	Cell Biology
	BOT:121	Higher Cryptogams
	BOT:122	Economic Botany
	BOT. 103	Botany practical based on BOT. 111,112,121,122
	BOT. 211	Morphology and Taxonomy of Angiosperms
	BOT. 221	Plant Physiology
	BOT. 221	Plant Anatomy
	BOT. 222	Applied Botany
	BOT. 203	Botany practical
	BOT. 351	Diversity of Lower Cryptogams
	BOT. 352	Taxonomy of Angiosperms
	BOT. 353	Genetics and Molecular Biology
	BOT. 354	Paper IV : Advanced Plant Physiology
	BOT. 355	Paper V : Plant Ecology and Phytogeography
	BOT. 356	I : Plant Biotechnology
	BOT. 361	Paper I : Diversity of Higher Cryptogams
	BOT. 362	Paper II : Gymnosperms & Paleobotany
	BOT. 363	Paper III : Plant Breeding
	BOT. 364	Paper IV : Plant Biochemistry
	BOT. 365	Paper V : Embryology & Palynology
	BOT. 366.1	Botanical Techniques
	BOT. 301	Practical Paper I
	BOT. 302	Practical Paper II
	BOT.303	Practical Paper III
	BT 111	Foundation of Biotechnology
	BT 112	Methods in Biotechnology
	BT 113	Basic Technique in Biotechnology I
	BT 121	Biomolecules
	BT 122	Microbial techniques



BSc. Biotechnology

BT 123	Basic Techniques in Biotechnology II
BT 231	Cell Biology and Metabolism
BT 232	Molecular biology
BT 233	Practical Course in Biotechnology I
BT 241	Biophysics
BT 242	Immunology and Bioprocess Technology
BT 243	Practical Course in Biotechnology II
BT 351	Genetics
BT 352	Agriculture Biotechnology
BT 353	Animal Biotechnology
BT 354	Industrial Biotechnology
BT 355	Food Biotechnology
BT 356	Environmental Biotechnology
BT 357	Practical Course-Industrial biotechnology
BT 358	Practical Course-Animal Biotechnology and
BT 359	Practical Course-Food and Environmental
BT 361	Gene Biotechnology and Bioinformatics
BT 362	Plant Biotechnology
BT 363	Immunology
BT 364	Advance Bioprocess Technology
BT 365	Pharmaceutical Biotechnology
BT 366	Biodiversity and Biometry
BT 367	Practical Course-Plant Biotechnology
BT 368	Practical Course-Genetics and Bioinformatics
BT 369	Practical Course-Pharmaceutical Biotechnology
MB111	Elementary Microbiology
MB112	Microscopy and Basic Biochemistry
MB121	Cell Biology of Microorganism
MB122	Methods in Microbiology
MB113	Basic Techniques in Microbiology-I
MB 123	Basic Techniques in Microbiology II
MB-231	Fundamental Biochemistry
MB-232	Microscopy and Microbial Ecology
MB-234	Practical Course in Microbiology- I
MB-241	Genetics and Immunology
MB-242	Basic Microbial Biotechnology
MB-244	Practical Course in Microbiology II
MB 351	Microbial Genetics
MB 352	Fermentation Technology
MB 353	Microbial Metabolism
MB 354	Medical Microbiology
MB 355	Immunology
MB 356	Applied Microbiology
MB 357	Techniques in Diagnostic Microbiology-I
MB 358	Techniques in Industrial Microbiology-I
MB 359	Techniques in Applied Microbiology-I
MB 361	Molecular Biology
MB 362	Pharmaceutical Microbiology
MB 363	Enzymology
MB 364	Clinical Microbiology
MB 365	Diagnostic Immunology
MB 366	Environmental Microbiology
MB 357	Techniques in Diagnostic Microbiology-II
MB 358	Techniques in Industrial Microbiology-II

BSC
MICROBIOLOGY

MSC MICROBIOLOGY	MB-359	Techniques in Applied Microbiology-II
	MB-101	Microbial Diversity
	MB-102	Microbial Biochemistry
	MB-103	Bio-Instrumentation
	MB-104	Methods in Microbiology
	MB-105	Methods in Biochemistry
	MB-105	Methods in Biochemistry
	MB-201	Microbial Genetics
	MB-202	Microbial Enzymology
	MB-203	Immunology
	MB-204	Methods in Enzymology
	MB-205	Methods in Molecular Biology
	MB-301	Applied and Environmental Microbiology
	MB-302	Molecular Biology and Bioinformatics
	MB-303	Pharmaceutical Microbiology
	MB-304	Methods in Biostatistics and Bioinformatics
	MB-305	Methods in Applied Microbiology
	MB-401	Fermentation Technology
	MB-402	Applied Molecular Biology
	MB-403	Agricultural Microbiology
MB-404	Methods in Biotechnology	
MB-405	Project Dissertation	
BCOM	1	English for Business
	2	Marathi
	3	Micro Economic Analysis
	4	Financial & Cost Accounting
	5	Quantitative Techniques & Computing Skills
	6a	Modern Office Management
	7a	Principles & Practices of Banking
	7c	Marketing & Advertising
	1	Macro economic
	2	BUSINESS AND TAX LAWS
	3	BUSINESS MANAGEMENT
	4	CORPORATE ACCOUNTING & COSTING
	5	BUSINESS COMMUNICATION
	6a	ENTREPRENEURSHIP DEVELOPMENT
	7a	Modern Banking & Financial System
	1	Indian Economic Scenario
	2	Principles & Practice of Auditing
	3	Income Tax & Competitive Skills
	4	Human Resource Management
	5a	Modern Management Techniques
6a	Advanced Accounting I & II	
7	Advanced Cost & Management Accounting I & II	
301	Management Accounting	
302	Entrepreneurship Development	
303	Organization Behaviour	
304a	Advanced Accountancy	
304c	Human Resources Management	
401	Production & Operations Management	
402	Modern Retail Management	
403	Information System for Business	
404a	Advanced Accountancy	
404c	Human Resources Management	



MCOM

404d	Marketing Management
101	Economics of Industries
102	Strategic Management
103	Research Methodology in commerce & Management
104a	Advanced Accountancy
104c	Human Resources Management
104d	Marketing Management
201	Economics of Environment
202	Case Studies in Strategic Management
203a	Management Science
203c	Banking and Insurance
204a	Advanced Accountancy
204c	Human Resources Management
204d	Marketing Management

BBA

A3.1	Mathematics & Statistics for Managers
A3.2	Corporate governance
A3.3	Career Management & Counseling
A3.4	Production & Materials Management
A3.5	Corporate Accounting
A3.6	Practical on Tally ERP 9.0
A3.7	Practical based on Advanced Excel
A4.1	Research Methodology
A4.2	Corporate Law
A4.3	ICT in Taxation
A4.4	Cyber Crime & Security Law
A4.5	Cost Accounting
A4.6	Practical based on E-Commerce
A4.7	Practical on ICT in Taxation
A5.1	Entrepreneurship Development
A5.2	Soft Skills Development
A5.3	Human Resource Management
A5.4	Marketing Management
A5.5	Financial Management
A5.6	Practical in Soft Skills Development
A5.7	Field Work
A6.1	Auditing Practices
A6.2	Mercantile Laws
A6.3	Human Resource Management
A6.4	Marketing Management
A6.5	International Finance
A6.6	Practical on Cases In Management
A6.7	Project Report

BCA31	Mathematics and Statistics for Managers
BCA32	Computer Animation Using Flash
BCA33	Career Management & Counseling
BCA34	Java Programming
BCA35	Practical on Computer Animation
BCA36	Practical on Java
BCA37	Practical on Tally ERP
BCA41	CF-Net
BCA42	Stock And Commodity Market
BCA43	Data Structure
BCA44	Cyber Crime and Security
BCA45	Practical on Transaction related to Stock And



BCA	BCA46	Practical on Data Structure using C++
	BCA47	Practical on C#. Net
	BCA51	Entrepreneurship Development
	BCA52	Soft Skills Development
	BCA53	Linux Operating System
	BCA54	Internet Programming with ASP.NET
	BCA55	Practical on Soft Skills Development
	BCA56	Practical on ASP.net & Linux O.S.
	BCA57	Field Work
	BCA61	Introduction to ERP and SAP
	BCA62	System Analysis And Design
	BCA63	Server Side Scripting using PHP
	BCA54	Internet Programming with ASP.NET
	BCA64	Introduction to Information System Audit
	BCA65	Practical on PHP
	BCA66	Practical on CASE Tool with MS VISIO
	BCA67	Project
MMS(CM)	1.1	Principles of Management
	1.2	Financial Accounting
	1.3	Web Designing and Web Authoring Tools
	1.4	ICT fundamentals & Office Automation
	1.5	Programming in C
	1.6	Lab I-Practical on Tally ERP & Web Designing
	1.7	Lab II-Practical on Office Automation & C
	2.1	Communication Skills
	2.2	Management Information System
	2.3	System Analysis and Design
2.4	RDBMS	
2.5	Object Oriented Programming using C++	
2.6	Lab III-Practical on RDBMS	
2.7	Lab IV-Practical on C++	
BA Psychology (General Subject)	PSY-101	Fundamental Psychology
	PSY-201	Social Psychology
	Psy- 231-C	Human Development of Psychology – Early Life
	Psy- 231-D	Human Development of Psychology – Later Life
	Psy - 351	Management of Interpersonal Relations
Psy -361	Adjustment of Life Span	
BA History (General Subject)	HIS - G - 101	History of Indian Freedom Movement (1857 - 1905)
	HIS - G - 201	History of Indian Freedom Movement (1905 - 1947)
	HIS 231(G-2)	Rise of Maratha Power (1630-1674)
	HIS 241 (G-2)	Rise of Maratha Power (1674-1707)
	HIS(G3) 351	HISTORY OF MODERN WORLD (1789-1900)
	HIS(G3) 361	HISTORY OF MODERN WORLD (1901-1945)
BA Music (General Subject)	MUS G101	Hindustani Sangit Gayan
	MUS G201	Hindustani Sangit Gayan
	MUS G231	Hindustani Sangit Gayan
	MUS G241	Hindustani Sangit Gayan
	MUS G351	Hindustani Sangit Gayan
	MUS G361	Hindustani Sangit Gayan
All UG Programs	55555/5555	Environmental Studies
All UG Programs	99999	General Knowledge



PRINCIPAL
 Maharaja Ganga Saharan Mehta's
 Arts, Science & Commerce College,
 Gopda (U. District, Jharkhand)



Mahatma Gandhi Education Society's

ARTS, SCIENCE AND COMMERCE COLLEGE

Chopda Dist. Jalgaon, P.B.No.14, Pin - 425107

Affiliated to Kavyajitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

HAAC Re-Accredited 'B' Grade

Dr. D. A. Suryawanshi *Principal*

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Ref No.:

Date: ___/___/___

List of courses offered across all programs by the

ACADEMIC YEAR: 2018-19

Program Name	Course code	Course Name
BA ENGLISH	CENG - 351	Compulsory English
	CNEG 361	Compulsory English
	ENG-352	Indian Writing in English and American Literature
	ENG 362	Indian Writing in English and American Literature
	ENG-353	The Study of English Language
	ENG-363	The Study of English Language
	ENG - 351	The Study of Drama
	ENG - 361	The Study of Drama
	CENG -101	Compulsory English
	CENG -201	Compulsory English
	OENG -101	Optional English
	OENG -201	Optional English
	DSC-1(A)	Reading Literature: Short Stories and Poems
	DSC-1(A)	Reading Literature: Short Stories and Poems
	DSC-1(B)	Compulsory English
	DSC-1(B)	Compulsory English
	101	English For Business
	201	English For Business
	AEC-A	English Communication
	AEC-A	English Communication
MA ENGLISH	ENG 111	An Introduction to Linguistics
	ENG 121	An Introduction to Linguistics
	ENG 112	English Poetry
	ENG 122	English Poetry
	ENG 113	English Drama
	ENG 122	English Drama
	ENG 114 (A)	Indian Writing in English

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Mahatma Gandhi Education Society's
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Chopda Tal. Jalgaon Dist. Jalgaon (M.S.)

MA ENGLISH	ENG 124 (A)	Indian Writing in English
	ENG 231	Literary Theory & Concepts
	ENG 241	Literary Theory & Concepts
	ENG 232	English Novel
	ENG 242	English Novel
	ENG 233	Literature
	ENG 243	Literature
	ENG 234 (B)	American Literature
	ENG 244 (B)	American Literature
BA MARATHI	BA MARATHI-40:51	FYBcom Marathi General - vangmayin Marathi
	MAR- 10227	
	MAR - 231 A	SYBA Marathi General Vadmay prakarancha
	MAR - 241 A	
	MAR - 232	SYBA Marathi S-1 Madhyayugin Pdyva vadngmay
	MAR - 242	
	MAR - 233	SYBA Marathi S-2 Sahitya swaraap vichar
	MAR - 243	
	MAR - 351	TYBA Marathi Gen Vadmayin Marathi -Narak
	MAR - 361	
	MAR - 353	TYBA Marathi S-3 Adhanik Marathi vadmayacha
	MAR - 363	
	MAR - 354	TYBA Marathi S-4 Bhashavidnyan
	MAR - 364	
MA Marathi	MAR - 111	MA Marathi Part-I Mdhyayugin Marathi Vdmayacha
	MAR 121	
	MAR 112	MA Marathi Part-I sahitya samiksha
	MAR 122	
	MAR 113	MA Marathi Part Iekhakacha abhyas- annabhau
	MAR 123	
	MAR 114 A	MA Marathi Part Selvadi sahitya
	MAR 114 B	
	MAR 231	MA Paper-5 Swatantryottar Kalkhandatil Sahitya
	MAR 241	
	MAR 232	MA Paper-6 samajbhasa vidnyan
	MAR 242	
	MAR 233	MA Paper-7 Madhyayugin padya Prakarucha
	MAR 243	
MAR 234 A	MA Paper-8 Khandeshatil Loksahitya	
MAR 244 A		
BA HINDI	HIN G3-351 A)	Hindi Samanya
	HIN G3-361 A)	Hindi Samanya
	HIN S3-352	Hindi Sahitya Ka Itihās
	HIN S3-353	Hindi Sahitya Ka Itihās
	HIN S3-362	Itihās
	HIN S3-363	Itihās
	HIN G1-111 A)	Hindi Samanya : PAPER I
	HIN G1-121 A)	Hindi Samanya : PAPER I



	DSC HIN A-1	Hindi Kahani
	DSC HIN A-2	Hindi Kavita
BA GEOGRAPHY	G1	PHYSICAL GEOGRAPHY : PAPER I
	G1	PHYSICAL GEOGRAPHY : PAPER II
	GG 211 (A)	HUMAN GEOGRAPHY
	GG 212 (A)	GEOGRAPHY OF TOURISM-I
	GG 213	PRACTICAL GEOGRAPHY-I
	GG 221 (A)	ECONOMIC GEOGRAPHY
	GG 222 (A)	GEOGRAPHY OF TOURISM-II
	GG 214	PRACTICAL GEOGRAPHY-II
	G3	POPULATION GEOGRAPHY
	G3	POLITICAL GEOGRAPHY
	S3	ENVIRONMENTAL GEOGRAPHY
	S3	REMOTE SENSING & GIS
	S4	PRACTICAL GEOGRAPHY- WEATHER MAP.
	S4	PRACTICAL GEOGRAPHY- GEO-
	GG 101	PHYSICAL GEOGRAPHY- PART I
	GG 201	PHYSICAL GEOGRAPHY- PART II
MA/MSC GEOGRAPHY	GG 111	PRINCIPLES OF ECONOMIC GEOGRAPHY
	GG 112	PRINCIPLES OF POPULATION &
	GG 113	PRINCIPLES OF CLIMATOLOGY
	GG 114	PRINCIPLES OF GEOMORPHOLOGY
	GG 115	PRACTICAL IN GEOGRAPHY
	GG 211	GEOGRAPHICAL THOUGHTS
	GG 212	SOCIAL & CULTURAL GEOGRAPHY
	GG 213	REMOTE SENSING
	GG 214	GEO-STATISTICAL METHODS
	GG 215	PRACTICAL OF COMPUTERIZED DATA
	GG 311 (A)	REGIONAL GEOGRAPHY OF USA
	GG 312	ENVIRONMENTAL GEOGRAPHY
	GG 313	GEOGRAPHICAL INFORMATION SYSTEM
	GG 314	WATERSHED MANAGEMENT & PLANNING
	GG 315	PRACTICAL OF PHYSICAL GEOGRAPHY
	GG 411 (C)	GEOGRAPHY OF RURAL SETTLEMENT
	GG 412 (C)	URBAN GEOGRAPHY
	GG 413 (A)	RESEARCH METHODOLOGY
	GG 414 (A)	GEOGRAPHY OF TOURISM
	GG 415	INTERPRETATION OF TOPOGRAPHICAL
	ECO 231	Indian Economy since 1980 - I
	ECO 241	Indian Economy since 1980 - II
	ECO 232	Advanced Micro Economies - I
	ECO 242	Advanced Micro Economies - II
	ECO 233	Advanced Macro Economies - I
	ECO 243	Advanced Macro Economies - II
	HECO 231	Population, Marriage & Family in India - I
	HECO 241	Population, Marriage & Family in India - II
	ECO 351	Indian Economy since 1980 III



BA ECONOMICS	ECO 361	Indian Economy since 1980 IV	
	ECO 352 (A)	Public Finance and Policies - I	
	ECO 362 (A)	Public Finance and Policies - II	
	ECO 352 (B)	Economics of Indian Agriculture - I	
	ECO 362 (B)	Economics of Indian Agriculture - II	
	ECO 353 (A)	International trade and practices - I	
	ECO 363 (A)	International trade and practices - II	
	ECO 353 (B)	Indian Banking and practices I	
	ECO 363 (B)	Indian Banking and practices II	
	HECO 351	Reference to India) - I	
	HECO 361	Reference to India) - II	
	MA ECONOMICS	Eco:111	Advanced Micro Economics: I
		Eco:112	Modern Public Economics : I
Eco:113 A		Statistics for Economics	
Eco:114 A		Economics of Agriculture & Rural Development	
Eco:121		Advanced Micro Economics: II	
Eco:122		Modern Public Economics : II	
Eco:123 A		Research Methodology for Economics	
Eco:124 A		Economics of Agriculture & Rural Development II	
Eco:231		Advanced Monetary Economics: I	
Eco:232		Theories Of Economic Development	
Eco:233 A		International Economics-I	
Eco:234 A			
Eco:241		Advanced Monetary Economics: II	
Eco:242		Theories Of Economic Development	
Eco:243 A		International Economics-II	
Eco:244 A			
BA POLITICAL SCIENCE	POL 351 (A - G3)	Personnel Administration and	
	POL 361 (A - G3)	Personnel Administration and	
	POL 352 (SPL - 3)	Western Political Thought	
	POL 362 (SPL - 3)	Western Political Thought	
	POL 353 (SPL - 4)	Modern Political Analysis	
	POL 363 (SPL - 4)	Modern Political Analysis	
	POL - G -101-A	Introduction to Indian Constitution	
	POL - G -201-A	Introduction to Indian Constitution	
	POL - G 101 - A	Indian Constitution	
	POL - G - 201 - B	Indian Government	
MA POLITICAL SCIENCE	POL -111	India's Foreign Affairs	
	POL-121	India's Foreign Affairs	
	POL -112	Global Political Issues	
	POL-122	Global Political Issues	
	POL-113	Political Process in Indian Federation	
	POL-123	Political Process in Indian Federation	
	POL-114-A	Public Administration	
	POL-124-A	Public Administration	
	POL 231	Socio - Political Research Methods	
	POL 241	Socio - Political Research Methods	



BSC PHYSICS

POL-232	Comparative Political Process
POL-242	Comparative Political Process
POL-233	International Relations
POL-243	International Relations
POL-234 (B)	UN and Regional Organizations
POL-244 (B)	UN and Regional Organizations
PHY-111	Mechanics And Properties Of Matter
PHY-112	Electricity And Magnetism
PHY-113	Practical Course - I
PHY-121	Heat And Thermodynamics
PHY-122	Theoretical Physics
PHY-123	Practical Course - II
PHY-231	Waves and Oscillations
PHY-232 (A)	Electronics-I
PHY-232 (B)	Instrumentation -I
PHY-241	Modern Physics
PHY-242	Optics
PHY-233	Practical course-I
PHY-243	Practical course-II
PHY-351	Mathematical Physics
PHY-352	Classical Mechanics
PHY-353	Atomic and Molecular Physics
PHY-354(B)	Instrumentation II
PHY-355	Solid State Physics
PHY-356(D)	Microprocessor- I
PHY-357	Practical Course-I
PHY-358	Practical Course-II
PHY-359	Project work-I
PHY-361	Classical Electrodynamics
PHY-362	Quantum Mechanics
PHY-363	Nuclear Physics
PHY-364	Statistical Mechanics and Thermodynamics
PHY-365	Elements of Material Science
PHY-366(D)	Microprocessor- II
PHY-367	Practical Course-III
PHY-368	Practical Course-IV
PHY-369	Project work-II
PHY-101	Basic Mechanics
PHY-102	Dynamics and Elasticity
PHY-103	LAB -I
PHY-201	Electricity and Electrostatics
PHY-202	Magnetism and Electromagnetism
PHY-203	LAB -II
PHY-101	Mathematical Methods for Physics
PHY-102	Classical Mechanics
PHY-103	Quantum Mechanics
PHY-104	Solid State Physics



MSC PHYSICS

PHY 105	Basic Physics Laboratory – I
PHY 201	Statistical Mechanics
PHY 202	Classical Electrodynamics
PHY 203	Material Science
PHY 204 (A)	Physics of Semiconductor Devices
PHY 205	Basic Physics Laboratory – II
PHY-301	Atomic and Molecular Physics
PHY 302 (A)	Materials Synthesis Methods
PHY 303 (A)	Systematic Materials Analysis
PHY 304	Special Laboratory I
PHY 305	Project work (Literature survey, documentation, Book Review, Experimental/Conceptual Questions)
PHY 401	Nuclear Physics
PHY-402 (A)	Nanomaterials: Synthesis, Properties and Applications
PHY 403 (A)	Renewable Energy Sources
PHY 404	Special Laboratory II
PHY 405	Project work (Characterization, synthesis or Basic Characterization, Book Review, Questions)

BSC CHEMISTRY

CH-231	Physical and Inorganic Chemistry
CH-232	Organic and Analytical Chemistry
CH-233	Chemistry Practical
CH-241	Physical and Inorganic Chemistry
CH-242	Organic and Analytical Chemistry
CH-243	Chemistry Practical
CH -351	Physical Chemistry
CH -352	Inorganic Chemistry
CH -353	Organic Chemistry
CH -354	Analytical Chemistry
CH -355	Industrial Chemistry
CH -356 (A)	Bio Chemistry
CH -356 (B)	Environment Chemistry
CH -357	Physical Chemistry Practical
CH -358	Inorganic Chemistry Practical
CH -359	Organic Chemistry Practical
CH -361	Physical Chemistry
CH -362	Inorganic Chemistry
CH -363	Organic Chemistry
CH -364	Analytical Chemistry
CH -365	Industrial Chemistry
CH-366(C)	Polymer Chemistry
CH-366(D)	Chemistry In Every Day Life
CH-367	Physical Chemistry Practical
CH-368	Inorganic Chemistry Practical
CH-369	Organic Chemistry Practical
CH: 101	Physical and Inorganic Chemistry -I
CH: 102	Organic and Inorganic Chemistry-I (Section B)
CH-103	Chemistry Practicals -I
CH: 201	Physical and Inorganic Chemistry-II (Section A)
CH: 202	Organic and Inorganic Chemistry-II (Section -B)



MSC CHEMISTRY	CH-203	Chemistry Practicals-II (Based on Section A and B)
	CH-110	Physical Chemistry – I
	CH- 130:	Inorganic Chemistry – I
	CH- 150	Basic Organic Chemistry
	CH-P-1	Physical Chemistry Practical (Annual)
	CH-I-1	Inorganic Chemistry Practical (Annual)
	CH-O-1	Organic Chemistry Practical (Annual)
	CH-210	Physical Chemistry – II
	CH- 230	Inorganic Chemistry – II
	CH-250	Spectroscopy
	CH-290	General Chemistry
	CH-351	Spectroscopic Methods in Structure Determination
	CH-352	Organic Stereochemistry
	CH-353	and their applications
	CH-450	Chemistry of Natural Product
	CH-451	Synthetic Methods in Organic Chemistry
	CH-452	medicinal chemistry
	CH -O-2	Ternary mixture separation (Annual)
	CH -O-3	Three stage preparations (Annual)
	CH -O-4	Short Research Project (Annual)
BSc Electronics	ELE 111	Analog Electronics – I
	ELE 112	Digital Electronics - I
	ELE 113	Practical Course
	ELE 211	Analog Electronics – II
	ELE 212	Digital Electronics - II
	ELE 213	Practical Course
	ELE 231	Analog Circuits and Applications
	ELE 232	Instrumentation
	ELE 233	Practical Course
	ELE 241	Linear Integrated Circuits & Applications
	ELE 242	8085 Microprocessor
	ELE 243	Practical Course
	ELE 351	Semiconductor Physics
	ELE 352	Basic Communication System
	ELE 353	Microprocessor I
	ELE 354	Programming in C
	ELE 355	Microcontroller 8051
	ELE 356	Consumer Electronics
	ELE 357	General Lab
	ELE 358	Microprocessor, Microcontroller, C
	ELE 359	Project
	ELE 361	Electrodynamics
	ELE 362	Advance Communication System
	ELE 363	Microprocessor II
	ELE 364	Numerical Simulation in Electronics
	ELE 365	Embedded System
ELE 366	Industrial & Power Electronics	



	ELE 367	General Lab	
	ELE 368	Microprocessor, Microcontroller, C	
	ELE 369	Project	
MSC ELECTRONICS	ELE 101	Solid State Electronics	
	ELE 102	VLSI Tools and Techniques	
	ELE 103	Analog Circuit Analysis	
	ELE 104	Industrial Automation and Process Control	
	ELE 105	Practical * Lab I	
	ELE 201	Optoelectronic Devices	
	ELE 202	Java Programming	
	ELE 203	Microcontrollers and Application	
	ELE 204	Advanced Communication System	
	ELE 205	Practical * Lab II	
	ELE 301	Digital Signal Processing	
	ELE-302	Microwave Devices and Circuits	
	ELE-303	Embedded System Design	
	ELE-304	Practical * Lab III & Seminar#	
	ELE-305	Project I	
	ELE-401	Network Analysis and Synthesis	
	ELE-402	Nanoelectronics and MEMs	
	ELE-403(A)	Control systems	
	ELE-403(B)	ASIC & FPGA	
	ELE-404	Practical * Lab III & Seminar#	
	ELE-405	Project II	
	BSc Computer Science	CS 111	Basic Of Computer
		CS 121	C Programming-I
CS 103		Practical Course	
CS 112		Basic Of DBMS	
CS 122		C Programming-II	
CS 121		Practical Course	
Comp 211		Data Structure-I	
Comp 212		Programming in C++	
comp 221		Data Structure-II	
Comp 222		Programming in C++-II	
Comp203		Practical Course Annual	
CS 311		System Programming	
CS 312		Advanced DBMS	
CS 313		Software Enggnering	
CS 314		Computer Aided Graphics	
Cs 315		Vb.Net	
CS 316(B)		Java Programming-I	
CS 321		Operating System	
CS 322		Sql Server 2008	
CS 323		Internet Computing	
CS 324		Theoretical Computer Science	
Ca 325		Basic Of Microprocessor And Computer Network	
CS 326(B)		Java Programin-II	



	CS Lab 301	Lab On System Programming & sql Server 2008
	CS Lab 302	Aided Graphics
	CS Lab 303(B)	Lab on Java programming -J&J
MSc Computer Science	CS 301	Advanced C++ Programming
	CS 102	Automata Theory And Computability
	CS 103	Advanced Operating System
	CS 104	Digital Image Processing
	CS 105	Lab On Advanced O.S & Image Processing
	CS 106	lab On C++ Programming
	CS 201	Advanced Java Programming
	CS 202	Machine Intelligence
	CS 203	Compiler Construction
	CS 204	Design And Analysis Of Algorithm
	CS 205	Lab On DAA & MI
	CS 106	Lab On Advanced Java Programming
	CS 301	Software Engineering
	CS 302	Optimization Algorithm
	CS 303	Internet Computing
	CS 304	Windows & Visual C++ Programming
	CS 305	Lab On Windows Programming & VC++
	CS 306	Lab on Internet Computing
	CS 401	Natural Language Processing
	CS 402	Advanced Network programming
	CS 403	Data mining
	CS 404	Lab On Network Programming & Data Mining
	CS 405	Mini Project
BSc Mathematics	MTH-111	Theory of Matrices
	MTH-112	Calculus
	MTH-113(B)	Graph Theory
	MTH-121	Differential Equations
	MTH-122	Algebra
	MTH-123(A)	Laplace Transforms
	MTH-231	Advanced Calculus
	MTH-232(A)	Topics in Algebra
	MTH-241	Complex Analysis
	MTH-242(A)	Topics in Differential Equations
	MTH-231	Practical course
	MTH-232	Practical course
	MTH-241	Practical course
	MTH-242(A)	Practical course
	MTH-351	Metric Spaces
	MTH-352	Real analysis-I
	MTH-353	Abstract Algebra
	MTH-354	Dynamics
MTH-355(B)	Number Theory	
MTH-356(A)	Programming in C	
MTH-361	Vector Calculus	



BSc Zoology

MTH-362	Real Analysis-II
MTH-363	Linear Algebra.
MTH-364	Differential Equations
MTH-365(A)	Operation Research
MTH-366(A)	Applied Numerical Methods
MTH-307	Practical Course Based On (MTH-351,352,361,362)
MTH-308	Practical Course Based On (MTH-353,354,363,366)
MTH-309	Practical Course Based On (MTH-355,356,365,366)
ZOO 111	Non-Chordates-I
ZOO 112	Parasitology
ZOO 121	Chordates -I
ZOO 122	Ecology
ZOO 103	211 and ZOO 212
ZOO-231	Non-chordates – II
ZOO-232	Mammalian Histology
ZOO-241	Chordates – II
ZOO-242	Mammalian Physiology (
ZOO 222	Practicals corresponding to ZOO 222
ZOO 351	NON CHORDATES- III
ZOO 352	Cell and Molecular Biology
ZOO 353	Developmental Biology
ZOO 354	BIOCHEMISTRY
ZOO 314	PRACTICALS ON BIOCHEMISTRY
ZOO 355	Research Methodology
ZOO-356 (D)	Aquaculture and Fisheries
ZOO 356	Animal Behavior
ZOO-356 A	BIOTECHNOLOGY
ZOO 356 B	SERICULTURE
ZOO 361	Chordates - III
ZOO 362	GENETICS
ZOO-363	Systematics, Evolution and Palaeontology.
ZOO 364	Economic Zoology
ZOO 365	MITROTECHNIQUE
Zoo-366 B	Agricultural Pests and their Control
Zoo 366 A	Bioinformatics
ZOO 366 C	TOXICOLOGY
ZOO 366 D	Public Health and Hygiene
ZOO 101	Invertebrates
	(B) Biostatistics
ZOO 102:	(A) Cellular Organization
	(B) Molecular Biology
ZOO 103	(A) Ecology
	(B) Animal Behaviour
ZOO 104:	Practical 101 (A) + 101(B) + 102(A)
ZOO 105	Practical 102(B) + 103(A) + 103(B)
ZOO 201	(A) Structural and functional anatomy of Vertebrates
	(B) Immunology



MSc. Zoology

ZOO 202	(A) Biochemistry (B) Enzymology
ZOO 203	(A) Developmental Biology (B) Genetics
ZOO 204	Practical 201 (A)+ 201 (B) +202(A)
ZOO 301	Special Paper Entomology – I (A) Insect Taxonomy and Morphology - I (B) Insect Taxonomy and Morphology - II Special Paper Animal Physiology – I (A)Animal Physiology section – I (B) Animal Physiology section – II Special Paper Reproductive Physiology – I (A) Reproductive Physiology – I (B) Reproductive Physiology – II
ZOO 302	(A) Freshwater Zoology research report
ZOO 303	(A)Medical physiology / Insect Anatomy (B) Animal Biotechnology
ZOO 304	Practical 301 (A) + 301(B) +302(A)
ZOO 305	Practical 302(B) + 303(A) + 303(B)
ZOO 401	Special Paper Entomology – II (A) Insect Taxonomy and Morphology - I (B) Insect Taxonomy and Morphology - II
ZOO 401	Special Paper Animal Physiology – II (A)Animal Physiology section – I (B) Animal Physiology section – II
ZOO 401	Special Paper Reproductive Physiology – II (A) Reproductive Physiology – I (B) Reproductive Physiology – II
ZOO 402	(A) Systematic and evolutionary biology (B) Advanced methods in biology
ZOO 403:	biology (B) Forensic Zoology
ZOO 404	Practical 401 (A) + 401 (B) + 402(A)
ZOO 405	Practical 402(B) + 403(A) + 403(B)
BOT.111	PAPER-I: Bacteria, Viruses and Algae
BOT. 112	PAPER-II: Plants for Human Welfare
BOT. 113	Botany Practical based on BOT.111 & 112.
BOT.121	PAPER-IFungi, Lichens and Plant Pathology
BOT.122	PAPER- II . Industrial Botany
BOT. 116	Botany Practical based on BOT.121 & 122.
BOT.-231	PAPER-I Bryophytes and Pteridophytes
BOT.-232	PAPER-II Morphology of Angiosperms
BOT. 233	Botany Practical based on 231 &232
BOT.-241	PAPER-I Plant Physiology
BOT.-242	PAPER-II: Taxonomy of Angiosperms
BOT.-243	Botany Practical based on BOT.241 & 242.



BSC BOTANY

BOT. 351	Paper I: Cryptogams
BOT. 352	Paper II: Angiosperm Taxonomy
BOT. 353	Paper II: Angiosperm Taxonomy
BOT. 354	Paper IV: Advanced Plant Physiology
BOT. 355	Paper V: Plant Ecology and Phytogeography
BOT. 356.1	Plant Biotechnology
BOT. 361	Paper I : Gymnosperms & Paleobotany
BOT. 367	Botany Practical I
BOT. 362	Paper II : Anatomy & Embryology
BOT. 368	Botany Practical paper II
BOT. 363	Paper III : Genetics, Plant Breeding and Evolution
BOT. 364	Paper IV : Plant Biochemistry
BOT. 365	Paper V : Applied Botany
BOT. 369	Botany Practical III
BOT. 366.2	Medico-botany and Pharmacognosy
Bot. 101:	Microbial Diversity, Algae & Fungi
Bot. 102:	Plant Taxonomy
Bot. 201	Diversity of Archegoniates
Bot. 202:	Plant Ecology
BT 231	Cell Biology and Metabolism
BT 232	Molecular biology
BT 233	Practical Course in Biotechnology I
BT 241	Biophysics
BT 242	Immunology and Bioprocess Technology
BT 243	Practical Course in Biotechnology II
BT 351	Genetics
BT 352	Agriculture Biotechnology
BT 353	Animal Biotechnology
BT 354	Industrial Biotechnology
BT 355	Food Biotechnology
BT 356	Environmental Biotechnology
BT 357	Practical Course-Industrial biotechnology
BT 358	Immunology
BT 359	Biotechnology
BT 361	Gene Biotechnology and Bioinformatics
BT 362	Plant Biotechnology
BT 363	Immunology
BT 364	Advance Bioprocess Technology
BT 365	Pharmaceutical Biotechnology
BT 366	Biodiversity and Biometry
BT 367	Practical Course-Plant Biotechnology
BT 368	Practical Course-Genetics and Bioinformatics
BT 369	Practical Course-Pharmaceutical Biotechnology
BT 101	Cell Biology
BT 102	Biochemical Tools
BT 103	Practical paper I
BT 201	Biomolecules

BSC
BIOTECHNOLOGY

	BT 202	Basic Microbiology
	BT 203	Practical paper II
BSC MICROBIOLO GY	MB-231	Fundamental Biochemistry
	MB-232	Microscopy and Microbial Ecology
	MB-234	Practical Course in Microbiology- I
	MB-241	Genetics and Immunology
	MB-242	Basic Microbial Biotechnology
	MB-244	Practical Course in Microbiology II
	MB 351	Microbial Genetics
	MB 352	Fermentation Technology
	MB 353	Microbial Metabolism
	MB 354	Medical Microbiology
	MB 355	Immunology
	MB 356	Applied Microbiology
	MB 357	Techniques in Diagnostic Microbiology-I
	MB 358	Techniques in Industrial Microbiology-I
	MB 359	Techniques in Applied Microbiology-I
	MB 361	Molecular Biology
	MB 362	Pharmaceutical Microbiology
	MB 363	Enzymology
	MB 364	Clinical Microbiology
	MB 365	Diagnostic Immunology
	MB 366	Environmental Microbiology
	MB 357	Techniques in Diagnostic Microbiology-II
	MB 358	Techniques in Industrial Microbiology-II
	MB 359	Techniques in Applied Microbiology-II
	MB 101	Microbial Diversity
MB -102	Microscopy and Basic Bacteriology	
MB -103	Practical paper I	
MB -201	Basic Biochemistry and Cytology	
MB -202	Microbial Techniques	
MB -203	Practical paper II	
MSC MICROBIOLO GY	MB-301	Applied and Environmental Microbiology
	MB-302	Molecular Biology and Bioinformatics
	MB-303	Pharmaceutical Microbiology
	MB-304	Methods in Biostatistics and Bioinformatics
	MB-305	Methods in Applied Microbiology
	MB-401	Fermentation Technology
	MB-402	Applied Molecular Biology
	MB-403	Agricultural Microbiology
	MB-404	Methods in Biotechnology
	MB-405	Project Dissertation
	MB-101	Microbial Taxonomy and Diversity
	MB-102	Microbial Biochemistry
	MB-103	Bioanalytical Techniques
	MB-104	Methods in Microbiology
	MB-105	Methods in Biochemistry



MB-201	Microbial Genetics
MB-202	Microbial Enzymology
MB-203	Immunology
MB-204	Methods in Enzymology
MB-205	Methods in Molecular Biology and Immunology
1	English for Business
2	Marathi
3	Micro Economic Analysis
4	Financial & Cost Accounting
5	Quantitative Techniques & Computing Skills
6a	Modern Office Management
7a	Principles & Practices of Banking
7c	Marketing & Advertising
101	English for Business
102	Marathi
103	Micro Economic Analysis
104	Financial Accounting & Cost
105	Quantitative Techniques & Computing Skills
106a	Modern Office Management
107a	Principles & Practices of Banking
107c	Marketing & Advertising
201	English for Business
202	Marathi
203	Micro Economic Analysis
204	Financial Accounting & Cost
205	Quantitative Techniques & Computing Skills
206a	Modern Office Management
207a	Principles & Practices of Banking
207b	Marketing & Advertising
2	BUSINESS AND TAX LAWS
3	BUSINESS MANAGEMENT
4	CORPORATE ACCOUNTING & COSTING
5	BUSINESS COMMUNICATION
6a	ENTERPRENEURSHIP DEVELOPMENT
7a	Modern Banking & Financial System
301	Macro economic
302	BUSINESS AND TAX LAWS
303	BUSINESS MANAGEMENT
304	CORPORATE ACCOUNTING & COSTING
305	BUSINESS COMMUNICATION
306a	ENTERPRENEURSHIP DEVELOPMENT
307a	Modern Banking & Financial System
401	Macro economic
402	BUSINESS AND TAX LAWS
403	BUSINESS MANAGEMENT
404	CORPORATE ACCOUNTING & COSTING
405	BUSINESS COMMUNICATION

BCOM



	466a	ENTERPRENEURSHIP DEVELOPMENT	
	407a	Modern Banking & Financial System	
MCOM	101	Economics of Industries	
	102	Strategic Management	
	103	Management	
	104a	Advanced Accountancy	
	104c	Human Resources Management	
	104d	Marketing Management	
	201	Economics of Environment	
	202	Case Studies in Strategic Management	
	203a	Management Science	
	203c	Banking and Insurance	
	204a	Advanced Accountancy	
	204c	Human Resources Management	
	204d	Marketing Management	
	301	Management Accounting	
	302	Entrepreneurship Development	
	303	Organization Behaviour	
	304a	Advanced Accountancy	
	304c	Human Resources Management	
	401	Production & Operations Management	
	402	Modern Retail Management	
	403	Information System for Business	
	404a	Advanced Accountancy	
	404c	Human Resources Management	
	404d	Marketing Management	
	BBA	A1.1	Foundation Course for Managers
		A1.2	Professional Communication-I
		A1.3	Principles of Management
		A1.4	Principles of Economics
A1.5		Computer Fundamentals & Office Automation	
A1.6		Practical on Professional	
A1.7		Practical on Office Automation	
A2.1		Financial Accounting and costing	
A2.2		Professional Communication -II	
A2.3		Organisational Behavior	
A2.4		Managerial Economics	
A2.5		Internet & Application	
A2.6		Practical on Professional communication-II	
A2.7		Practical on Internet & Application	
A3.1	Mathematics & Statistics for Managers		
A3.2	Corporate governance		
A3.3	Career Management & Counseling		
A3.4	Production & Materials Management		
A3.5	Corporate Accounting		
A3.6	Practical on Tally ERP 9.0		
A3.7	Practical based on Advanced Excel		



A4.1	Research Methodology
A4.2	Corporate Law
A4.3	ICT in Taxation
A4.4	Cyber Crime & Security Law
A4.5	Cost Accounting
A4.6	Practical based on E-Commerce
A4.7	Practical on ICT in Taxation
A5.1	Entrepreneurship Development
A5.2	Soft Skills Development
A5.3	Human Resource Management
A5.4	Marketing Management
A5.5	Financial Management
A5.6	Practical in Soft Skills Development
A5.7	Field Work
A6.1	Auditing Practices
A6.2	Mercantile Laws
A6.3	Human Resource Management
A6.4	Marketing Management
A6.5	International Finance
A6.6	Practical on Cases In Management
A6.7	Project Report
BCA 11	Foundation Course for Managers
BCA 12	Professional Communication
BCA 13	Fundamentals of Computer & Internet
BCA 14	Programming in C++ Part I
BCA 15	Practical on Internet & HTML
BCA 16	Practical on Professional Communication
BCA 17	Practical on C++ Part
BCA 21	Financial Accounting & Costing
BCA 22	Professional Communication II
BCA 23	Database Management
BCA 24	Programming in C++ Part II
BCA 25	Practical on MS-Access & Oracle
BCA 26	Practical on Professional Communication II
BCA 27	Practical on C++ Part II
BCA31	Mathematics and Statistics for Managers
BCA32	Computer Animation Using Flash
BCA33	Career Management & Counseling
BCA34	Java Programming
BCA35	Practical on Computer Animation
BCA36	Practical on Java
BCA37	Practical on Tally ERP
BCA41	C# .Net
BCA42	Stock And Commodity Market
BCA43	Data Structure
BCA44	Cyber Crime and Security
BCA45	Commodity

BCA



BCA46	Practical on Data Structure using C++
BCA47	Practical on C# .Net
BCA51	Entrepreneurship Development
BCA52	Soft Skills Development
BCA53	Linux Operating System
BCA54	Internet Programming with ASP.NET
BCA55	Practical on Soft Skills Development
BCA56	Practical on ASP.net & Linux O.S.
BCA57	Field Work
BCA61	Introduction to ERP and SAP
BCA62	System Analysis And Design
BCA63	Server Side Scripting using PHP
BCA54	Internet Programming with ASP.NET
BCA64	Introduction to Information System Audit
BCA65	Practical on PHP
BCA66	Practical on CASE Tool with MS VISIO
BCA67	Project
1.1	Principles of Management
1.2	Financial Accounting
1.3	Web Designing and Web Authoring Tools
1.4	ICT fundamentals & Office Automation
1.5	Programming in C
1.6	Lab 3-Practical on Tally ERP & Web Designing
1.7	Programming
2.1	Communication Skills
2.2	Management Information System
2.3	System Analysis and Design
2.4	RDBMS
2.5	Object Oriented Programming using C++
2.6	Lab III-Practical on RDBMS
2.7	Lab IV-Practical on C++
3.1	CRM & Digital Marketing
3.2	Cyber Security and IT Act
3.3	Graphics & Animation
3.4	Web Scripting with PHP and MySQL
3.5	C# .Net Programming 4.5 Project Work
3.6	Lab V-Practical on Graphics & Animation & PHP
3.7	Lab VI-Practical on C#.NET Programming
4.1	Human Resource Management
4.2	E-commerce and M-commerce
4.3	Internet Computing with ASP.NET
4.4	Java Programming
4.6	Lab VII-Practical on ASP.NET
4.7	Lab VIII-Practical on Java Programming
PSY-101	Fundamental Psychology
PSY-201	Social Psychology
Psy- 231-C	Human Development of Psychology – Early Life


MMS(CM)

BA Psychology



(General Subject)	Psy- 231-D	Human Development of Psychology – Later Life
	Psy - 351	Management of Interpersonal Relations
	Psy -361	Adjustment of Life Span
BA History (General Subject)	HIS 231(G-2)	Rise of Maratha Power (1630-1674)
	HIS 241 (G-2)	Rise of Maratha Power (1674-1707)
	HIS(G3) 351	HISTORY OF MODERN WORLD (1789-1900)
	HIS(G3) 361	HISTORY OF MODERN WORLD (1901-1945)
	HIS 231	History of Maratha (AD 1605 To AD 1750)
	HIS 241	History of Maratha (AD-1605 To AD 1750)
BA Music (General Subject)	MUS G101	Hindustani Sangit Gayan
	MUS G201	Hindustani Sangit Gayan
	MUS G231	Hindustani Sangit Gayan
	MUS G241	Hindustani Sangit Gayan
	MUS G351	Hindustani Sangit Gayan
	MUS G361	Hindustani Sangit Gayan
All UG Programs	55555/5555	Environmental Studies
All UG Programs	99999	General Knowledge




PRINCIPAL
 Mahatma Gandhi Pratishthan, Mumbai
 Jyoti Sahebrao & Company College,
 Chapekar Tal-Chapekar (Dist- Solapur) (K. S.)



Mahatma Gandhi Shikshan Mandal's

ARTS, SCIENCE AND COMMERCE COLLEGE

Chopda Dist. Jalgaon, P.B.No.14, Pin - 425107

Affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

NAAC Re-Accredited 'B' Grade

Dr. D. A. Suryawanshi Principal

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www.mgsmosc.ac.in

Ref No.:

Date: ___ / ___ / ___

List of courses offered across all programs by the

ACADEMIC YEAR : 2019-20

Program Name	Course code	Course Name
BA ENGLISH	CENG - 351	Compulsory English
	CNEG 361	Compulsory English
	ENG-352	Indian Writing in English and American Literature
	ENG 362	Indian Writing in English and American Literature
	ENG-353	The Study of English Language
	ENG-363	The Study of English Language
	ENG - 351	The Study of Drama
	ENG - 361	The Study of Drama
	DSC-1(A)	Reading Literature: Short Stories and Poems
	DSC-1(A)	Reading Literature: Short Stories and Poems
	DSC-1(B)	Compulsory English
	DSC-1(B)	Compulsory English
	101	English For Business
	201	English For Business
	AEC-A	English Communication
	AEC-A	English Communication
	CENG	Compulsory English
	CENG	Compulsory English
	DSE 1 A	16th English Literature Century
	DSE 1B	17th English Literature Century
	DSE 2 A	18th English Literature Century
	DSE 2B	19th English Literature Century
	DSC 1 C	The Study of Novel and Drama
	DSC 1D	The Study of Novel and Drama
	SEC 1	English for Competitive Examinations
	SEC 2	English for Competitive Examinations
	ENG 111	An Introduction to Linguistics
	ENG 121	An Introduction to Linguistics
ENG 112	English Poetry	
ENG 122	English Poetry	

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PRINCIPAL

Mahatma Gandhi Shikshan Mandal's
Art's, Science & Commerce College,
Chopda Tal-Chopda Dist-Jalgaon(M.S.)

MA ENGLISH	ENG 113	English Drama
	ENG 122	English Drama
	ENG 114 (A)	Indian Writing in English
	ENG 124 (A)	Indian Writing in English
	ENG 231	Literary Theory & Concepts
	ENG 241	Literary Theory & Concepts
	ENG 232	English Novel
	ENG 242	English Novel
	ENG 233	Basics of Research in English Language & Literature
	ENG 243	Basics of Research in English Language & Literature
BA MARATHI	ENG 234 (B)	American Literature
	ENG 244 (B)	American Literature
	MAR- 10217	FYBcom Marathi General – vangmayin Marathi
	MAR- 10227	
	MAR - 231 A	SYBA Marathi General Vadmay prakarancha abhyas-kadambari
	MAR - 241 A	
	MAR – 232	SYBA Marathi S-1 Madhyayugin Pdy vadngmay prakarancha abhyas
	MAR - 242	
	MAR – 233	SYBA Marathi S-2 Sahitya swaraup vichar
	MAR - 243	
	MAR – 351	TYBA Marathi Gen Vadmayin Marathi -Natak
	MAR - 361	
	MAR – 353	TYBA Marathi S-3 Adhunik Marathi vadmayacha itihis 1920-1960
	MAR - 363	
	MAR – 354	TYBA Marathi S-4 Bhashavidnyan
	MAR - 364	
	MAR 231 A	Vaicharik Gadya Lekhnacha Abhyas
	MAR 241 A	Charitra-Atmcharitrapar Lekhanacha Abhyas
	MAR 232	Adhunik Vadmay Prakar-Kadambari
	MAR 242	Adhunik Vadmay Prakar-Kavita
MAR 233	Sahitya vichar (Bahartiya ani Paschyatya)	
MAR 243	Sahitya vichar (Bahartiya ani Paschyatya)	
MAR 234	Lekhan kaushalya- Mudritshodhan	
MAR 244	Lekahn kaushalya- Sarjanshil Lekhan	
MAR 236	MudritMahdyamasathi Lekhan	
MAR 246	Shravya Madhyamasathi Lekhan va Sanvad	
AECC 1	Vidnyan Katha Ani Nond Lekhan	
AECC 2	Vinodi Katha Ani Vidnyanpar Lekhan	



MA Marathi	MAR - 111	MA Marathi Part-I Mdhyyugin Marathi Vdmayacha Itihas
	MAR 121	
	MAR 112	MA Marathi Part-I sahitya samiksha
	MAR 122	
	MAR 113	MA Marathi Part lekhakacha abhyas- annabhau sathe
	MAR 123	
	MAR 114 A	MA Marathi Part Srivadi sahitya
	MAR 114 B	
	MAR 231	MA Paper-5 Swatantryottar Kalkhandatil Sahitya Pravah
	MAR 241	
	MAR 232	MA Paper-6 samajbhasha vidnyan
	MAR 242	
	MAR 233	MA Paper-7 Madhyayugin padya Prakaracha Abhyas-Akhyankavya va Lavani
	MAR 243	
	MAR 234 A	MA Paper-8 Khandeshatil Loksahitya
MAR 244 A		
BA HINDI	HIN G3-351 A)	Hindi Samanya
	HIN G3-361 A)	Hindi Samanya
	HIN S3-352	Hindi Sahitya Ka Itihas
	HIN S3-353	Hindi Sahitya Ka Itihas
	HIN S3-362	Bhasah Vigyan Tatha Rashtra Bhasha Andolon ka Itihas
	HIN S3-363	Bhasah Vigyan Tatha Rashtra Bhasha Andolon ka Itihas
	DSC HIN A-1	Hindi Kahani
	DSC HIN A-2	Hindi Kavita
	MIL-I Hindi	Lekhan Kaushal : Media Aur sahitya (Laghukatha)
	MIL-II Hindi	Lekhan Kaushal : Media Aur sahitya (Geet-Navgeet)
	DSC-I (C) A-Hindi	Kathetar Gadya Vidhyain
	DSC-I (D) A-Hindi	Shresht Hindi Ekanki
	SEC-I Hindi	Bhashik Sanmpreshan
	SEC-II Hindi	Anuvad Vigyan
	DSE-I (A) Hindi	Kavyashastra
	DSE-I (B) Hindi	Kavyashastra
	DSE-II (A) Hindi	Upanyas Vidha - Samay Saragam



	DSE-II (B) Hindi	Natak Vidha - Dharti Abha - Rushukesh Sulabh
BA GEOGRAPHY	G3	POPULATION GEOGRAPHY
	G3	POLITICAL GEOGRAPHY
	S3	ENVIRONMENTAL GEOGRAPHY
	S3	REMOTE SENSING & GIS
	S4	PRACTICAL GEOGRAPHY- WEATHER MAP, WEATHER INSTRUMENTS & ELEMENTS OF MAP READING
	S4	PRACTICAL GEOGRAPHY- GEO- STATISTICAL METHODS
	GG 101	PHYSICAL GEOGRAPHY- PART I (LITHOSPHERE)
	GG 201	PHYSICAL GEOGRAPHY- PART II (ATMOSPHERE & HYDROSPHERE)
	Gg. 231 (DSC)	General Cartography
	Gg. 232 (DSE 1 A)	Geography of Tourism
	Gg. 233 (DSE 2 A)	Practical Geography (Scale and Map Projection)
	Gg. 234 (SEC 1)	Regional Planning & Development
	Gg. 241 (DSC)	Human Geography
	Gg. 242 (DSE 1 B)	Geography of India
	Gg. 243 (DSE 2 B)	Practical Geography (Surveying)
	Gg. 244 (SEC 2)	Remote Sensing and GPS Based Project Report
MA/MSC GEOGRAPHY	GG 111	PRINCIPLES OF ECONOMIC GEOGRAPHY
	GG 112	PRINCIPLES OF POPULATION & SETTLEMENT GEOGRAPHY
	GG 113	PRINCIPLES OF CLIMATOLOGY
	GG 114	PRINCIPLES OF GEOMORPHOLOGY
	GG 115	PRACTICAL IN GEOGRAPHY
	GG 211	GEOGRAPHICAL THOUGHTS
	GG 212	SOCIAL & CULTURAL GEOGRAPHY
	GG 213	REMOTE SENSING
	GG 214	GEO-STATISTICAL METHODS
	GG 215	PRACTICAL OF COMPUTERIZED DATA ANALYSISI TECHNIQUES IN GEOGRAPHY
	GG 311 (A)	REGIONAL GEOGRAPHY OF USA
	GG 312	ENVIRONMENTAL GEOGRAPHY
	GG 313	GEOGRAPHICAL INFORMATION SYSTEM
	GG 314	WATERSHED MANAGEMENT & PLANNING
	GG 315	PRACTICAL OF PHYSICAL GEOGRAPHY WITH THE HELP OF GIS
	GG 411 [C]	GEOGRAPHY OF RURAL SETTLEMENT
	GG 412 [C]	URBAN GEOGRAPHY
	GG 413 (A)	RESEARCH METHODOLOGY
GG 414 (A)	GEOGRAPHY OF TOURISM	



	GG 415	INTERPRETATION OF TOPOGRAPHICAL MAPS, AERIAL PHOTOGRAPHS, SATELLITE IMAGES & SURVEYING
BA ECONOMICS	Eco G-101(A)	Principles of Economics - I
	Eco G-201(A)	Principles of Economics - I
	ECO 351	Indian Economy since 1980 III
	ECO 361	Indian Economy since 1980 IV
	ECO 352 (A)	Public Finance and Policies - I
	ECO 362 (A)	Public Finance and Policies - II
	ECO 352 (B)	Economics of Indian Agriculture - I
	ECO 362 (B)	Economics of Indian Agriculture - II
	ECO 353 (A)	International trade and practices - I
	ECO 363 (A)	International trade and practices - II
	ECO 353 (B)	Indian Banking and practices I
	ECO 363 (B)	Indian Banking and practices II
	HECO 351	Socio Economic Problem and Policies (with Reference to India) - I
	HECO 361	Socio Economic Problem and Policies (with Reference to India) - II
	DSC Eco 231 C	- INDIAN ECONOMY SINCE 1980-I
	DSE Eco 232 A	- AGRICULTURAL ECONOMICS-I
	DSE Eco 233 A (SEC Eco 234)	- ADVANCED MACRO ECONOMICS-I RESEARCH METHODOLOGY FOR ECONOMICS-I
	MA ECONOMICS	Eco:111
Eco:112		Modern Public Economics : I
Eco:113 A		Statistics for Economics
Eco:114 A		Economics of Agriculture & Rural Development
Eco:121		Advanced Micro Economics: II
Eco:122		Modern Public Economics : II
Eco:123 A		Research Methodology for Economics
Eco:124 A		Economics of Agriculture & Rural Development II
Eco:231		Advanced Monetary Economics: I
Eco:232		Theories Of Economic Development
Eco:233 A		International Economics-I
Eco:234 A		Computer Applications in Economic Analysis - I
Eco:241		Advanced Monetary Economics: II
Eco:242		Theories Of Economic Development
Eco:243 A		International Economics-II
Eco:244 A		Computer Applications in Economic Analysis - II
	POL 351 (A - G3)	Personnel Administration and Management
	POL 361 (A - G3)	Personnel Administration and Management



BA POLITICAL SCIENCE	POL 352 (SPL - 3)	Western Political Thought	
	POL 362 (SPL - 3)	Western Political Thought	
	POL 353 (SPL - 4)	Modern Political Analysis	
	POL 363 (SPL - 4)	Modern Political Analysis	
	POL - G 101 - A	Indian Constitution	
	POL - G - 201 - B	Indian Government	
	DSE - 1A	Reading Mahatma Gandhi	
	DSE - 1B	Reading Dr.Ambedkar	
	DSE - 2A	Government and Politics of America	
	DSE - 2B	Government and Politics of China	
	DSC - 1C	Introduction to Administration of Maharashtra	
	DSC - 1D	Introduction to Local and District Administration	
	MA POLITICAL SCIENCE	POL -111	India's Foreign Affairs
		POL-121	India's Foreign Affairs
POL -112		Global Political Issues	
POL-122		Global Political Issues	
POL-113		Political Process in Indian Federation	
POL-123		Political Process in Indian Federation	
POL-114-A		Public Administration	
POL-124-A		Public Administration	
POL 231		Socio - Political Research Methods	
POL 241		Socio - Political Research Methods	
POL 232		Comparative Political Process	
POL 242		Comparative Political Process	
POL 233		International Relations	
POL 243		International Relations	
POL 234 (B)		UN and Regional Organizations	
POL 244 (B)		UN and Regional Organizations	
	PHY-351	Mathematical Physics	
	PHY-352	Classical Mechanics	
	PHY-353	Atomic and Molecular Physics	
	PHY-354(B)	Instrumentation II	
	PHY-355	Solid State Physics	
	PHY-356(D)	Microprocessor- I	
	PHY 357	Practical Course-I	
	PHY 358	Practical Course-II	
	PHY 359	Project work-I	
	PHY-361	Classical Electrodynamics	
	PHY-362	Quantum Mechanics	
	PHY-363	Nuclear Physics	
	PHY-364	Statistical Mechanics and Thermodynamics	
	PHY-365	Elements of Material Science	
	PHY-366(D)	Microprocessor- II	
PHY-367	Practical Course-III		

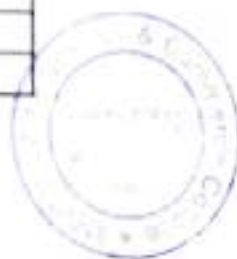


BSC PHYSICS	PHY-368	Practical Course-IV	
	PHY-369	Project work-I	
	PHY-101	Basic Mechanics	
	PHY-102	Dynamics and Elasticity	
	PHY-103	LAB -I	
	PHY-201	Electricity and Electrostatics	
	PHY-202	Magnetism and Electromagnetism	
	PHY-203	LAB -II	
	PHY-301	Thermodynamics and Kinetic theory of gases	
	PHY-302 (A)	Electronics- I	
	PHY-302 (B)	Instrumentation -I	
	PHY-303	Lab - III	
	PHY-304	Renewable Energy and Energy Harvesting	
	PHY-401	Wave, Oscillation and Accoustics	
	PHY-402	Optics and LASERS	
	PHY-403	Lab - IV	
	PHY-404	Electrical circuits and Network skills	
	PHY -501	Mathematical Physics	
	PHY -502	Solid State Physics	
	PHY -503	Atomic and Molecular Physics	
	PHY -504 (B)	Instrumentation II	
	MSC PHYSICS	PHY 101	Mathematical Methods for Physics
		PHY 102	Classical Mechanics
		PHY 103	Quantum Mechanics
		PHY 104	Solid State Physics
PHY 105		Basic Physics Laboratory – I	
PHY 201		Statistical Mechanics	
PHY 202		Classical Electrodynamics	
PHY 203		Material Science	
PHY 204 (A)		Physics of Semiconductor Devices	
PHY 205		Basic Physics Laboratory – II	
PHY-301		Atomic and Molecular Physics	
PHY 302 (A)		Materials Synthesis Methods	
PHY 303 (A)		Systematic Materials Analysis	
PHY 304		Special Laboratory I	
PHY 305		Project Work-I (Literature Survey, Definition of Problem, Experimental work, Oral etc.)	
PHY 401		Nuclear Physics	
PHY 402 (A)		Nanomaterials: Synthesis, Properties and Applications	
PHY 403 (A)		Renewable Energy Sources	
PHY 404		Special Laboratory II	
PHY 405		Project Work-II (Characterization, Analysis of Result, Conclusions, Project Report, Oral etc.)	
	CH -351	Physical Chemistry	
	CH -352	Inorganic Chemistry	
	CH -353	Organic Chemistry	
	CH -354	Analytical Chemistry	



B.Sc. Chemistry

CH -355	Industrial Chemistry
CH -356 (A)	Bio Chemistry
CH -356 (B)	Environment Chemistry
CH -357	Physical Chemistry Practical
CH -358	Inorganic Chemistry Practical
CH -359	Organic Chemistry Practical
CH -361	Physical Chemistry
CH -362	Inorganic Chemistry
CH -363	Organic Chemistry
CH -364	Analytical Chemistry
CH -365	Industrial Chemistry
CH -366(C)	Polymer Chemistry
CH -366(D)	Chemistry In Every Day Life
CH -367	Physical Chemistry Practical
CH -368	Inorganic Chemistry Practical
CH -369	Organic Chemistry Practical
CH-231	Physical and Inorganic Chemistry
CH-232	Organic and Analytical Chemistry
CH-111	Physical Chemistry & Inorganic Chemistry
CH-121	Physical Chemistry & Inorganic Chemistry
CH-112	Organic and Inorganic Chemistry
CH-122	Organic and Inorganic Chemistry
CH-113	Chemistry Practical
CH-123	Chemistry Practical
CH-231	Physical and Inorganic Chemistry
CH-232	Organic and Analytical Chemistry
CH-233	Chemistry Practical
CH-241	Physical and Inorganic Chemistry
CH-242	Organic and Analytical Chemistry
CH-243	Chemistry Practical
CH -351	Physical Chemistry
CH -352	Inorganic Chemistry
CH -353	Organic Chemistry
CH -354	Analytical Chemistry
CH -355	Industrial Chemistry
CH -356 (A)	Bio Chemistry
CH -356 (B)	Environment Chemistry
CH -357	Physical Chemistry Practical
CH -358	Inorganic Chemistry Practical
CH -359	Organic Chemistry Practical
CH -361	Physical Chemistry
CH -362	Inorganic Chemistry
CH -363	Organic Chemistry
CH -364	Analytical Chemistry
CH -365	Industrial Chemistry
CH -366(C)	Polymer Chemistry
CH -366(D)	Chemistry In Every Day Life
CH -367	Physical Chemistry Practical



CH -368	Inorganic Chemistry Practical
CH -369	Organic Chemistry Practical
CH: 101	Physical and Inorganic Chemistry -I
CH: 102	Organic and Inorganic Chemistry-I (Section B)
CH-103	Chemistry Practicals -I
CH: 201	Physical and Inorganic Chemistry-II (Section A)
CH: 202	Organic and Inorganic Chemistry-II (Section -B)
CH-203	Chemistry Practicals-II (Based on Section A and B)
CH-301	Physical and Inorganic Chemistry
CH - 302	Organic and Inorganic Chemistry
CH- 401	Physical and Inorganic Chemistry
CH - 402	Organic and Inorganic Chemistry
SEC-1	Basic Analytical Chemistry
SEC-2	Advanced Analytical Chemistry
CH-303	Chemistry Practical
CH-403	Chemistry Practical
CH -301	Physical And Inorganic Chemistry (Core Course)
CH -302	Organic and Inorganic Chemistry (Core Course)
CH -303	Practical Chemistry
CH- 304 (SEC-1)	Basic Analytical Chemistry (Skill Enhancement Course)
CH -401	Physical And Inorganic Chemistry (Core Course)
CH -402	Organic and Inorganic Chemistry (Core Course)
CH -403	Practical Chemistry
CH -404 (SEC-II)	Advanced Analytical Chemistry (Skill Enhancement Course)
CH-110	Physical Chemistry – I
CH- 130:	Inorganic Chemistry – I
CH- 150	Basic Organic Chemistry
CH-P-1	Physical Chemistry Practical (Annual)
CH-I-1	Inorganic Chemistry Practical (Annual)
CH-O-1	Organic Chemistry Practical (Annual)
CH-210	Physical Chemistry – II
CH- 230	Inorganic Chemistry – II
CH-250	Name Reactions, Synthetic Organic Chemistry & Spectroscopy
CH-290	General Chemistry
CH-351	Spectroscopic Methods in Structure Determination
CH-352	Organic Stereochemistry
CH-353	Free radical, photochemistry, Pericyclic reaction and their applications
CH-450	Chemistry of Natural Product
CH-451	Synthetic Methods in Organic Chemistry
CH-452	Heterocyclic chemistry, Chiron approach and medicinal chemistry
CH -O-2	Ternary mixture separation (Annual)

MSC
CHEMISTRY



	CH -O-3	Three stage preparations (Annual)	
	CH -O-4	Short Research Project (Annual)	
BSC ELECTRONICS	ELE 351	Semiconductor Physics	
	ELE 352	Basic Communication System	
	ELE 353	Microprocessor I	
	ELE 354	Programming in C	
	ELE 355	Microcontroller 8051	
	ELE 356	Consumer Electronics	
	ELE 357	General Lab	
	ELE 358	Microprocessor, Microcontroller, C	
	ELE 359	Project	
	ELE 361	Electrodynamics	
	ELE 362	Advance Communication System	
	ELE 363	Microprocessor II	
	ELE 364	Numerical Simulation in Electronics	
	ELE 365	Embedded System	
	ELE 366	Industrial & Power Electronics	
	ELE 367	General Lab	
	ELE 368	Microprocessor, Microcontroller, C	
	ELE 369	Project	
	ELE 301	Analog Communication	
	ELE 302	Microprocessor and Applications	
	ELE 303	Electronics Lab III	
	ELE 304	Electrical Circuits and Network Skills	
	ELE 401	Digital Communication	
	ELE 402	Microcontroller and Applications	
	ELE 403	Electronics Lab IV	
	ELE 404	Computational Techniques in Electronics	
	MSC ELECTRONICS	ELE 101	Solid State Electronics
		ELE 102	VLSI Tools and Techniques
ELE 103		Analog Circuit Analysis	
ELE 104		Industrial Automation and Process Control	
ELE 105		Practical * Lab I	
ELE 201		Optoelectronic Devices	
ELE 202		Java Programming	
ELE 203		Microcontrollers and Application	
ELE 204		Advanced Communication System	
ELE 205		Practical * Lab II	
ELE 301		Digital Signal Processing	
ELE-302		Microwave Devices and Circuits	
ELE-303		Embedded System Design	
ELE-304		Practical * Lab III & Seminars#	
ELE-305		Project I	
ELE-401		Network Analysis and Synthesis	
ELE-402		Nanoelectronics and MEMs	
ELE-403(A)		Control systems	



	ELE-403(B)	ASIC & FPGA	
	ELE-404	Practical * Lab III & Seminars#	
	ELE-405	Project II	
BSC COMPUTER SCIENCE	CS 311	System Programming	
	CS 312	Advanced DBMS	
	CS 313	Software Engineering	
	CS 314	Computer Aided Graphics	
	Cs 315	Vb.Net	
	CS 316(B)	Java Programming-I	
	CS 321	Operating System	
	CS 322	Sql Server 2008	
	CS 323	Internet Computing	
	CS 324	Theoretical Computer Science	
	Cs 325	Basic Of Microprocessor And Computer Network	
	CS 326(B)	Java Programming-II	
	CS Lab 301	Lab On System Programming & sql Server 2008	
	CS Lab 302	Lab On Vb.Net, Internet Computing & Computer Aided Graphics	
	CS Lab 303(B)	Lab on Java programming -I&II	
	COMP 211	Data structures-I	
	COMP 212	Programming in C++ I	
	CS SEC-I	Software and Hardware Installation Skills	
	COMP 213	Practical on comp 211 & 212	
	COMP 221	Data structures-II	
	COMP 222	Programming in C++ II	
	CS SEC-II	Network security	
	COMP 223	Practical on comp 221&222	
	MSc Computer Science	CS 101	Advanced C++ Programming
		Cs 102	Automata Theory And Computability
		CS 103	Advanced Operating System
		CS 104	Digital Image Processing
CS 105		Lab On Advanced O.S & Image Processing	
CS 106		lab On C++ Programming	
CS 201		Advanced Java Programming	
Cs 202		Machine Intelligence	
CS 203		Compiler Construction	
CS 204		Design And Analysis Of Algorithm	
CS 205		Lab On DAA & MI	
CS 106		Lab On Advanced Java Programming	
CS 301		Software Engineering	
Cs 302		Optimization Algorithm	
CS 303		Internet Computing	
CS 304		Windows & Visual C++ Programming	
CS 305		Lab On Windows Programming & VC++	



	CS 306	Lab on Internet Computing
	CS 401	Natural Language Processing
	Cs 402	Advncd Network programming
	CS 403	Data mining
	CS 404	Lab On Network Programming & Data Mining
	CS 405	Mini Project
BSC MATHEMATICS	MTH-351	Metric Spaces.
	MTH-352	Real analysis-I
	MTH-353	Abstract Algebra
	MTH-354	Dynamics
	MTH-355(B)	Number Theory
	MTH-356(A)	Programming in C
	MTH-361	Vector Calculus
	MTH-362	Real Analysis-II
	MTH-363	Linear Algebra.
	MTH-364	Differential Equations
	MTH-365(A)	Operation Research
	MTH-366(A)	Applied Numerical Methods
	MTH-307	Practical Course Based On (MTH-351,352,361,362)
	MTH-308	Practical Course Based On (MTH-353,354,363,364)
	MTH-309	Practical Course Based On (MTH-355,356,365,366)
	MTH-301	Calculus of Several Variables
	MTH-302	Group Theory
	MTH-303	Practical course
	MTH-304	set theory and logic
	MTH-401	Complex Variables
MTH-402	Differential Equation	
MTH-403	Practical course	
MTH-404	Vector Calculus	
MSc. Mathematics	MT-101	Advanced Real Analysis
	MT-102	Topology
	MT-103	Abstract Algebra
	MT-104	Ordinary and Partial Differential Equations
	MT-106	Programming in C++
	MT-201	General Measure Theory
	MT-202	Complex Variable
	MT-203	Linear Algebra
	MT-204	Mathematical Method
	MT-205	Number Theory
	MT 301	Topics in Functional Analysis
	MT 302	Statistical Techniques
	MT 303	Topics in Field Theory



	MT 304	Fluid Dynamics
	MT 305	Difference Equations
	MT 401	Advanced Mathematical Methods
	MT 402	Operations Research
	MT 403	Commutative Algebra
	MT 404	Advanced Abstract Algebra
	MT 405	Advanced Numerical Methods
	MT 406	Algebraic Topology
	MT 407	Linear Integral Equations
BSC ZOOLOGY	ZOO 351	NON CHORDATES- III
	ZOO 352	Cell and Molecular Biology
	ZOO 353	Developmental Biology
	ZOO 354	BIOCHEMISTRY
	ZOO 314	PRACTICALS ON BIOCHEMISTRY
	ZOO 355	Research Methodology
	ZOO-356 (D)	Aquaculture and Fisheries
	ZOO 356	Animal Behavior
	ZOO-356 A	BIOTECHNOLOGY
	ZOO 356 B	SERICULTURE
	ZOO 361	Chordates - III
	ZOO 362	GENETICS
	ZOO-363	Systematics, Evolution and Palaeontology
	ZOO 364	Economic Zoology
	ZOO 365	MITROTECHNIQUE
	Zoo-366 B	Agricultural Pests and their Control
	Zoo 366 A	Bioinformatics
	ZOO 366 C	TOXICOLOGY
	ZOO 366 D	Public Health and Hygiene
	ZOO 301	PHYSIOLOGY
	ZOO 302	BIOCHEMISTRY
	ZOO 303	PHYSIOLOGY AND BIOCHEMISTRY
	SEC I	APICULTURE
	ZOO 401	GENETICS
	ZOO 402	EVOLUTIONARY BIOLOGY
	ZOO 403	GENETICS & EVOLUTIONARY BIOLOGY
	SEC I	MEDICAL DIAGNOSTICS
	ZOO 101	(A) Structural and functional anatomy of Invertebrates
		(B) Biostatistics
	ZOO 102:	(A) Cellular Organization
		(B) Molecular Biology
	ZOO 103	(A) Ecology
	(B) Animal Behaviour	
ZOO 104:	Practical 101 (A) + 101(B) + 102(A)	
ZOO 105	Practical 102(B) + 103(A) + 103(B)	
ZOO 201	(A) Structural and functional anatomy of Vertebrates	
	(B) Immunology	



MSc. Zoology

ZOO 202	(A) Biochemistry
	(B) Enzymology
ZOO 203	(A) Developmental Biology
	(B) Genetics
ZOO 204	Practical 201 (A)+ 201 (B) +202(A)
ZOO 301	Special Paper Entomology – I
	(A) Insect Taxonomy and Morphology - I
	(B) Insect Taxonomy and Morphology - II
	Special Paper Animal Physiology – I
	(A)Animal Physiology section – I
	(B) Animal Physiology section – II
	Special Paper Reproductive Physiology – I
	(A) Reproductive Physiology – I
	(B) Reproductive Physiology – II
ZOO 302	(A) Freshwater Zoology
	(B) Skills in scientific communication and writing research report
ZOO 303	(A)Medical physiology / Insect Anatomy
	(B) Animal Biotechnology
ZOO 304	Practical 301 (A) + 301(B) +302(A)
ZOO 305	Practical 302(B) + 303(A) + 303(B)
ZOO 401	Special Paper Entomology – II
	(A) Insect Taxonomy and Morphology - I
	(B) Insect Taxonomy and Morphology - II
ZOO 401	Special Paper Animal Physiology – II
	(A)Animal Physiology section – I
	(B) Animal Physiology section – II
ZOO 401	Special Paper Reproductive Physiology – II
	(A) Reproductive Physiology – I
	(B) Reproductive Physiology – II
ZOO 402	(A) Systematic and evolutionary biology
	(B) Advanced methods in biology
ZOO 403:	(A) Fundamental processes and advanced tool in biology
	(B) Forensic Zoology
ZOO 404	Practical 401 (A) + 401 (B) + 402(A)
ZOO 405	Practical 402(B) + 403(A) + 403(B)
BOT.111	PAPER-I Bacteria, Viruses and Algae
BOT. 112	PAPER-II.Plants for Human Welfare
BOT. 113	Botany Practical based on BOT.111 & 112.
BOT.121	PAPER-IFungi, Lichens and Plant Pathology
BOT.122	PAPER- II . Industrial Botany
BOT. 116	Botany Practical based on BOT.121 & 122.
BOT.-231	PAPER-I Bryophytes and Pteridophytes
BOT.-232	PAPER-II Morphology of Angiosperms
BOT. 233	Botany Practical based on 231 &232
BOT.-241	PAPER-I Plant Physiology
BOT.-242	PAPER-II: Taxonomy of Angiosperms



BSC BOTANY

BOT.-243	Botany Practical based on BOT.241 & 242.
BOT. 351	Paper I: Cryptogams
BOT. 352	Paper II: Angiosperm Taxonomy
BOT. 353	Paper II: Angiosperm Taxonomy
BOT. 354	Paper IV: Advanced Plant Physiology
BOT. 355	Paper V: Plant Ecology and Phytogeography
BOT. 356.1	Plant Biotechnology
BOT. 361	Paper I : Gymnosperms & Paleobotany
BOT. 367	Botany Practical I
BOT. 362	Paper II : Anatomy & Embryology
BOT. 368	Botany Practical paper II
BOT. 363	Paper III : Genetics, Plant Breeding and Evolution
BOT. 364	Paper IV : Plant Biochemistry
BOT. 365	Paper V : Applied Botany
BOT. 369	Botany Practical III
BOT. 366.2	Medico-botany and Pharmacognosy
Bot. 101:	Microbial Diversity, Algae & Fungi
Bot. 102:	Plant Taxonomy
Bot. 201	Diversity of Archegoniates
Bot. 202:	Plant Ecology
BOT. 302	Plant Physiology
BOT. 303	Practical based on BOT. 301 & BOT. 302
BOT. 304	Mushroom culture Technology
BOT. 401	Plant Embriology
BOT. 402	Plant Metabolism
BOT. 403	Practical based on BOT. 401& BOT. 402
BOT. 404	Nursery and Gardening

BSC
BIOTECHNOLOGY

	Genetics
BT 351	
BT 352	Agriculture Biotechnology
BT 353	Animal Biotechnology
BT 354	Industrial Biotechnology
BT 355	Food Biotechnology
BT 356	Envornmental Biotechnology
BT 357	Practical Course-Industrial biotechnology
BT 358	Practical Course-Animal Biotechnology and Immunology
BT 359	Practical Course-Food and Enviromental Biotechnology
BT 361	Gene Biotechnology and Bioinformatics
BT 362	Plant Biotechnology
BT 363	Immunology
BT 364	Advance Bioprocess Technology
BT 365	Pharmaceutical Biotechnology
BT 366	Biodiversity and Biometry
BT 367	Practical Course-Plant Biotechnology
BT 368	Practical Course-Genetics and Bioinformatics



**BSC
MICROBIOLO
GY**

BT 369	Practical Course-Pharmaceutical Biotechnology
BT 101	Cell Biology
BT 102	Biochemical Tools
BT 103	Practical paper I
BT 201	Biomolecules
BT 202	Basic Microbiology
BT 203	Practical paper II
BT 301	Basic Genetics
BT 302	Biopeocess Technology
Bt 303	Practical Paper III
SEC I	Algea and mushroom cultivation
BT 401	Molecular Biology
BT 402	Immune Response
BT 403	practical Paper IV
SEC II	Bioanalytical Instrumentation
MB 351	Microbial Genetics
MB 352	Fermentation Technology
MB 353	Microbial Metabolism
MB 354	Medical Microbiology
MB 355	Immunology
MB 356	Applied Microbiology
MB 357	Techniques in Diagnostic Microbiology-I
MB 358	Techniques in Industrial Microbiology-I
MB 359	Techniques in Applied Microbiology-I
MB 361	Molecular Biology
MB 362	Pharmaceutical Microbiology
MB 363	Enzymology
MB 364	Clinical Microbiology
MB 365	Diagnostic Immunology
MB 366	Environmental Microbiology
MB 357	Techniques in Diagnostic Microbiology-II
MB 358	Techniques in Industrial Microbiology-II
MB 359	Techniques in Applied Microbiology-II
MB 101	Microbial Diversity
MB -102	Microscopy and Basic Bacteriology
MB -103	Practical paper I
MB -201	Basic Biochemistry and Cytology
MB -202	Microbial Techniques
MB -203	Practical paper II
MB 301	Basic Microbial Enzyme and Metabolism
MB 302	Microscopy and Microbial Ecology
MB 303	Practical Paper III
MB SEC I	Skill Enhancement Course I
MB 401	Genetics and Immunology
MB 402	Basic Industrial Microbiology
MB 403	Practical Paper IV



**MSC
MICROBIOLOGY**

MB SEC II	Skill Enhancement Course II
MB-101	Microbial Taxonomy and Diversity
MB-102	Microbial Biochemistry
MB-103	Bioanalytical Techniques
MB-104	Methods in Microbiology
MB-105	Methods in Biochemistry
MB-201	Microbial Genetics
MB-202	Microbial Enzymology
MB-203	Immunology
MB-204	Methods in Enzymology
MB-205	Methods in Molecular Biology and Immunology
MB-301	Applied and Environmental Microbiology
MB-302	Molecular Biology and Bioinformatics
MB-303	Pharmaceutical Microbiology
MB-304	Methods in Biostatistics and Bioinformatics
MB-305	Methods in Applied Microbiology
MB-401	Fermentation Technology
MB-402	Applied Molecular Biology
MB-403	Agricultural Microbiology
MB-404	Methods in Biotechnology
MB-405	Project Dissertation
101	English for Business
102	Marathi
103	Micro Economic Analysis
104	Financial Accounting & Cost
105	Quantitative Techniques & Computing Skills
106a	Modern Office Management
107a	Principles & Practices of Banking
107c	Marketing & Advertising
201	English for Business
202	Marathi
203	Micro Economic Analysis
204	Financial Accounting & Cost
205	Quantitative Techniques & Computing Skills
206a	Modern Office Management
207a	Principles & Practices of Banking
207b	Marketing & Advertising
301	Macro economic
302	BUSINESS AND TAX LAWS
303	BUSINESS MANAGEMENT
304	CORPORATE ACCOUNTING & COSTING
305	BUSINESS COMMUNICATION & COMPUTING MANAGEMENT
306a	ENTERPRENEURSHIP DEVELOPMENT
307a	Modern Banking & Financial System
401	Macro economic



BCOM

402	BUSINESS AND TAX LAWS
403	BUSINESS MANAGEMENT
404	CORPORATE ACCOUNTING & COSTING
405	BUSINESS COMMUNICATION & COMPUTING MANAGEMENT
406a	ENTERPRENEURSHIP DEVELOPMENT
501	Indian Economic Scenario
502	Principles & Practice of Auditing
503	Soft & Hard Skills Development
504	Income Tax
505a	Modern Management Techniques
506	Advanced Accounting I & II
507	Advanced Cost & Management Accounting I & II
601	Indian Economic Scenario
602	Principles & Practice of Auditing
603	Soft & Hard Skills Development
604	Income Tax
605a	Modern Management Techniques
606	Advanced Accounting I & II
607	Advanced Cost & Management Accounting I & II
Paper: 301	Business Skill
Paper: 302	Macro Economics
Paper: 303	Business and Tax Laws
Paper: 304	Corporate Accounting
Paper: 305	Computing Management
Compulsory Paper	Computing Management
Paper: 306 (a)	Business Entrepreneurship
Paper: 306 (b)	Consumer Protection & Business Ethics
Paper: 306 (c)	Financial Services and Stock Market
Paper: 307 (a)	Modern Banking & Financial System
Paper: 307 (b)	Corporate Regulatory Frame Work
Paper: 307 (c)	Retail Management
Paper: 307 (d)	Business Statistics & Operations Research
Paper: 307 (e)	Production Management
Paper: 401	Business Skill
Paper: 402	Macro Economics
Paper: 403	Business and Tax Laws
Paper: 404	Corporate Accounting
Paper: 405	Cost Accounting
Paper: 406 (a)	Business Entrepreneurship
Paper: 406 (b)	Consumer Protection & Business Ethics
Paper: 406 (a)	Business Entrepreneurship
Paper: 406 (b)	Consumer Protection & Business Ethics
Paper: 406 (c)	Financial Services and Stock Markets
Paper: 407 (a)	Modern Banking and Financial System
Paper: 407 (b)	Corporate Regulatory Frame Work



MCOM

Paper: 407 (c)	Retail Management
Paper: 407 (d)	Business Statistics & Operation Research
Paper: 407 (e)	Production Management
101	Economics of Industries
102	Strategic Management
103	Research Methodology in commerce & Management
104a	Advanced Accountancy
104c	Human Resources Management
104d	Marketing Management
201	Economics of Environment
202	Case Studies in Strategic Management
203a	Management Science
203c	Banking and Insurance
204a	Advanced Accountancy
204c	Human Resources Management
204d	Marketing Management
301	Management Accounting
302	Entrepreneurship Development
303	Organization Behaviour
304a	Advanced Accountancy
304c	Human Resources Management
401	Production & Operations Management
402	Modern Retail Management
403	Information System for Business
404a	Advanced Accountancy
404c	Human Resources Management
404d	Marketing Management
A1.1	Foundation Course for Managers
A1.2	Professional Communication-I
A1.3	Principles of Management
A1.4	Principles of Economics
A1.5	Computer Fundamentals & Office Automation
A1.6	Practical on Professional
A1.7	Practical on Office Automation
A2.1	Financial Accounting and costing
A2.2	Professional Communication -II
A2.3	Organisational Behavior
A2.4	Managerial Economics
A2.5	Internet & Application
A2.6	Practical on Professional communication-II
A2.7	Practical on Internet & Application
A3.1	Mathematics & Statistics for Managers
A3.2	Corporate governance
A3.3	Career Management & Counseling
A3.4	Production & Materials Management
A3.5	Corporate Accounting
A3.6	Practical on Tally ERP 9.0



BBA

A3.7	Practical based on Advanced Excel
A4.1	Research Methodology
A4.2	Corporate Law
A4.3	ICT in Taxation
A4.4	Cyber Crime & Security Law
A4.5	Cost Accounting
A4.6	Practical based on E -Commerce
A4.7	Practical on ICT in Taxation
A5.1	Entrepreneurship Development
A5.2	Soft Skills Development
A5.3	Human Resource Management
A5.4	Marketing Management
A5.5	Financial Management
A5.6	Practical in Soft Skills Development
A5.7	Field Work
A6.1	Auditing Practices
A6.2	Mercantile Laws
A6.3	Human Resource Management
A6.4	Marketing Management
A6.5	International Finance
A6.6	Practical on Cases In Management
A6.7	Project Report

BCA

BCA 11	Foundation Course for Managers
BCA 12	Professional Communication
BCA 13	Fundamentals of Computer & Internet
BCA 14	Programming in C++ Part I
BCA 15	Practical on Internet & HTML
BCA 16	Practical on Professional Communication
BCA 17	Practical on C++ Part
BCA 21	Financial Accounting & Costing
BCA 22	Professional Communication II
BCA 23	Database Management
BCA 24	Programming in C++ Part II
BCA 25	Practical on MS-Access & Oracle
BCA 26	Practical on Professional Communication II
BCA 27	Practical on C++ Part II
BCA31	Mathematics and Statistics for Managers
BCA32	Computer Animation Using Flash
BCA33	Career Management & Counseling
BCA34	Java Programming
BCA35	Practical on Computer Animation
BCA36	Practical on Java
BCA37	Practical on Tally ERP
BCA41	C# .Net
BCA42	Stock And Commodity Market
BCA43	Data Structure
BCA44	Cyber Crime and Security



BCA45	Practical on Transaction related to Stock And Commodity
BCA46	Practical on Data Structure using C++
BCA47	Practical on C# .Net
BCA51	Entrepreneurship Development
BCA52	Soft Skills Development
BCA53	Linux Operating System
BCA54	Internet Programming with ASP.NET
BCA55	Practical on Soft Skills Development
BCA56	Practical on ASP.net & Linux O.S.
BCA57	Field Work
BCA61	Introduction to ERP and SAP
BCA62	System Analysis And Design
BCA63	Server Side Scripting using PHP
BCA54	Internet Programming with ASP.NET
BCA64	Introduction to Information System Audit
BCA65	Practical on PHP
BCA66	Practical on CASE Tool with MS VISIO
BCA67	Project
1.1	Principles of Management
1.2	Financial Accounting
1.3	Web Designing and Web Authoring Tools
1.4	ICT fundamentals & Office Automation
1.5	Programming in C
1.6	Lab I-Practical on Tally ERP & Web Designing
1.7	Lab II-Practical on Office Automation & C Programming
2.1	Communication Skills
2.2	Management Information System
2.3	System Analysis and Design
2.4	RDBMS
2.5	Object Oriented Programming using C++
2.6	Lab III-Practical on RDBMS
2.7	Lab IV-Practical on C++
3.1	CRM & Digital Marketing
3.2	Cyber Security and IT Act
3.3	Graphics & Animation
3.4	Web Scripting with PHP and MySQL
3.5	C#.Net Programming 4.5 Project Work
3.6	Lab V-Practical on Graphics & Animation & PHP
3.7	Lab VI-Practical on C#.NET Programming
4.1	Human Resource Management
4.2	E-commerce and M-commerce
4.3	Internet Computing with ASP.NET
4.4	Java Programming
4.6	Lab VII-Practical on ASP.NET
4.7	Lab VIII-Practical on Java Programming

MMS(CM)



BA Psychology (General Subject)	PSY-101	Fundamental Psychology
	PSY-201	Social Psychology
	Psy- 231-C	Human Development of Psychology – Early Life
	Psy- 231-D	Human Development of Psychology – Later Life
	Psy - 351	Management of Interpersonal Relations
	Psy -361	Adjustment of Life Span
BA HISTORY (GENERAL SUBJECT)	HIS(G3) 351	HISTORY OF MODERN WORLD (1789-1900)
	HIS(G3) 361	HISTORY OF MODERN WORLD (1901-1945)
	HIS 231	History of Maratha (AD 1605 To AD 1750)
	HIS 241	History of Maratha (AD 1605 To AD 1750)
	HIS (G3)351	History of Modern Europe (AD 1780 To AD 1913)
	HIS (G3)361	History of Modern Europe (AD 1914 To AD 1945)
BA Music (General Subject)	MUS G101	Hindustani Sangit Gayan
	MUS G201	Hindustani Sangit Gayan
	MUS G231	Hindustani Sangit Gayan
	MUS G241	Hindustani Sangit Gayan
	MUS G351	Hindustani Sangit Gayan
	MUS G361	Hindustani Sangit Gayan
All UG Programs (First Year)	55555/5555	Environmental Studies
All UG Programs (Second Year)	99999	General Knowledge




PRINCIPAL
 Mahatma Gandhi Shikshan Mandal's
 Art, Science & Commerce College,
 Chopda Tal-Chopda Dist-Jalgaon(M.S.)