

Academic Curricula

Sanskrit Kovid	
First Year	Sanskrit Surabhi
	Gadya Vibhag
	Padya Vibhag
	UttarRamCharit,Mruchchhakatik,Karnabhar
	Adhunik Bharatiya Bhasha - Marathi -1
	Adhunik Bharatiya Bhasha - English -1
Second Year	Sanskrit Vaijayanti
	Gadya Vibhag
	Padya Vibhag
	Natya Vibhag
	Adhunik Bharatiys Bhasha - Marathi - 2
	Adhunik Bharatiys Bhasha - English - 2
Diploma in Sanskrit Vidya (Prarambhik)	
First Year	Mahabharat,Prachin Bharatacha Sanskrutik Itihas
	Koutiliya Arthashastra,Chhandovidnyan,Utkirnakavya
	Swapnavasavadattam,PaniniSutre
	Panchatantra,Vyakaran,Bhashantar,Nibandh
	Nitishatak,Raghuvansh,Shukanasopadesh
Diploma in Sanskrit Vidya (Pragat)	
Pragat - 1	Abhidnyan Shakuntal,Bhagvadgeeta
	RugvedaSukte,Aitareya Brahmin,Chhandogyopanishad
	LaghuSiddhant Koumudi,Ramayan Champu
	Kuvalayanand,Vyakaran,Bhashantar,Nibandh
	KumarSambhavam,Kiratarjuniya
Pragat - 2	Sanskrit Sahityacha Itihas
	UttarRamCharit,Kavyaprakash
	LaghuSiddhant Koumudi , Kadambari-Kathamukh
	Vedantsar,TarkaSangrah
	MeemansaParibhasha,Vyakaran,Bhashantar,Nibandh
	Shishupalvadh,Naishadhiyacharitra

Visharad (B.A.) in Sanskrit(Reg./Ext)	
First Year	Mahabharat,Prachin Bharatacha Sanskrutik Itihas
	Koutiliya Arthashastra, Chhandovidnyan, Utkirnakavya
	Swapnavasavadattam,PaniniSutre
	Panchatantra,Vyakaran,Bhashantar,Nibandh
	Nitishatak,Raghuvansh,Shukanasopadesh
Second Year	Abhidnyan Shakuntal,Bhagvadgeeta
	RugvedaSukte,Aitareya Brahmin,Chhandogyopanishad
	LaghuSiddhant Koumudi,Ramayan Champu
	Kuvalayanand,Vyakaran,Bhashantar,Nibandh
	KumarSambhavam,Kiratarjuniya
Third Year	Sanskrit Sahityacha Itihas
	UttarRamCharit,Kavyaprakash
	LaghuSiddhant Koumudi , Kadambari-Kathamukh
	Vedantsar,TarkaSangrah
	MeemansaParibhasha,Vyakaran,Bhashantar,Nibandh
	Shishupalvadh,Naishadhiyacharitra
Parangat (M.A.) in Sanskrit	
First Year	Vaidik Bhasha Ani Sahitya
	Darshan
	sahitya
	Optional Subjects-Any One
	Veda
	Vyakaran
	Meemansa
	Sahitya
	Ayurved Darshan
	Prachin Bharatiya Sanskruti
	Vedant

Second Year	Sahitya Shastra Ani Soudarya shastra
	Vyakaran ani Bhashavidnyan
	Bhasha, sanskruti ani Itihas
	Optional Subjects-Any One
	Veda
	Vyakaran
	Meemansa
	Sahitya
	Ayurved Darshan
	Purabhilekha ani Nanakshastra
	Vedant
Diploma in Indology	
	1)Introduction to Travel Industry
	2)Transportation Car, Rail and Airlines
	3) Passport, Visas and Foreign Exchange
	4) Airlines Ticketing
	5) Packages
	6) Inflight Services
Diploma in Travel and Tourism Managemant	
	1)Introduction to Travel Industry
	2)Transportation Car, Rail and Airlines
	3) Passport, Visas and Foreign Exchange
	4) Airlines Ticketing
	5) Packages
	6) Inflight Services

Post Graduate Diploma in Buddhist Studies. (Proposed)	
First Year	Indian Archeology
	History of Ancient India
	Social, Economic & Political Institutions in Ancient India
	History of Ancient Indian Literature - Sanskrit Prakrit & Pali
Second Year	Religion & Philosophy in Ancient India
	Epigraphy & Numismatics in Ancient India
	Art, Architecture & Iconography in Ancient India
	Greater India
Parangat in Indology (M. A.)	
First Year	Indian Archeology
	History Of Ancient India
	Ancient Indian Social,Economic and political Institutions
	History of Indian Literature - Sanskrit,Prakrit and Pali
Second Year	Religion & Philosophy
	Epigraphy & Numismatics
	Art, Architecture & Iconography in Ancient India
	Greater India
Parangat (M.A) in Heritage Management & Tourism	
First Year	Indian Culture.
	Indian Art.
	Heritage Management.
	Tourism & Travel Industry.
Second Year	Archaeological Legislation.
	Museums and Private Collections.
	Art Trade.
	Indian Art in Greater India, Or Dissertation

Certificate Course In Heritage Management	
	Cultural Traditions
	Heritage Management.
	Tourism & Travel Industry.
	Site Visits
P.G. Diploma In Heritage Management & Tourism	
	Cultural Traditions of India
	Indian Art and Architecture
	Heritage Management.
	Tourism
	Tourism & Travel Industry.
Certificate Course in Manuscriptology and Manuscript Conservation	
	1)History of Manuscriptology and study of scripts. (Compulsory - <i>Devnagari</i> and Optional - any two of <i>sharada, Telgu and Grantha</i>)
	2)Cataloguing and conservation of manuscripts.
	3)Project Work
	Beneficial to librarians, students of library Science, History, Indology
Diploma Course in Classical Music	
First Year	1)Introduction of Indian Music
	2)History and special caharasteristic features of Indian Music
	3)Practical I
Second Year	1) North and South Indian styles of Music and Western Music
	2) Classification of Ragas and Modern Technical Equipments
	3) Practical II

B.A. In Classical Music	
First Year	Language Composite(Hindi+English)
	Evolution & Development of Indian Music
	Introduction of Performing arts
	History of Indian Music(Till Medieval Period)
	Concept of Raag
	Classification of Raagas and 40 Principles Of Raag
Second Year	Notation System
	Introduction Of Western and Karnatak Music
	Anatomy and Music
	Use of VArrious Alankars (Gamak,Murki etc) & Raag Samay(Time Cycle) & Raag-Ras
	Swayambhu Swar & relation between shruti and Classification of shruti(Ancient & Modern)
	Physics
Third Year	Different Types of North Indian Music (Dhrupad,Khyal,Thumari etc.)
	Classification of Musicians
	North Indian Taal System(Comparison with other Taal systems)
	Gharanas in North Indian Music
	Biographics of Musicians
	Comparision Between Raag Sangeet - Thumari & Bhavsangeet, Applied Music
Certificate Course in Japanese Language	
a)	Basic sentence patterns,enlarging basic vocabularies,150 kanji,introduction to Japanese society and culture,conversation practice,sport judo
b)	A prescribed text - book Nihongo Shoho -I; Nihongo Shoho -II & Chy6 Kyu Nihongo. Supplementary book for listening - Mainichi No Kikitori. Lesson No. 1 to 18 only.

Diploma Course in Japanese Language	
a)	Basic sentence patterns, enlarging basic vocabularies, additional elementary 350 kanji, introduction to Japanese society and culture, conversation practice, sport judo
b)	A prescribed text - book Nihongo Shoho -I; Nihongo Shoho -II & Chy6 Kyu Nihongo. Supplementary book for listening - Mainichi No Kikitori. Complete Text
Advanced Diploma Course in Japanese Language	
a)	All 200 basic grammar patterns + 173 advance grammar patterns, enlarging basic vocabularies to 7000 words, additional elementary 350 + 700 kanji, introduction to business Japanese, Japanese society and culture, songs and stories, conversation practice, use of Japanese OS, sport judo
b)	A prescribed text - book Nihongo Shoho -I; Nihongo Shoho -II & Chy6 Kyu Nihongo. Supplementary book for listening - Mainichi No Kikitori. Advance level
B.A. (Hons.) in Japanese Language	
First Year	Script and Vocabulary
	Grammar and Comprehension
	Listening and Dictation
	Japanese Culture and History - I
	English Language, Translation & Essay Writing Skill
	Oral Exposition
Second Year	Script and Vocabulary
	Grammar and Comprehension
	Listening and Dictation
	Japanese Culture and History - II
	Business Japanese, Translation & Essay Writing Skill
	Oral Exposition

Third Year	Script and Vocabulary
	Grammar and Comprehension
	Listening
	Japanese Culture and History - III
	Business Japanese, Translation & Essay Writing Skill
	Oral Exposition
P.G.Diploma in Linguistics	
	Introduction to Language & Linguistics
	Basic Phonetics and Phonology
	Basic Syntax and Morphology
	Applied Linguistics

Distance Education

B. A. (Visharad) in Social Sciences

First Year	Second Year	Third Year
Economics General - 1 (EG-1) Indian Economy	Economics General - 2 (EG-2) Banking Economics Special - 1 (ES-1) Micro Economics Economics Special - 2 (ES-2) Economics of Development	Economics General - 3 (EG-3) Agricultural Economics Economics Special - 3 (ES-3) Macro Economics Economics Special - 4 (ES-4) History of the Economic Thoughts
Sociology General - 1 (SG-1) Introduction to Sociology	Sociology General - 2 (SG-2) Social Problems in India Sociology Special - 1 (SS-1) Social Thinkers Sociology Special - 2 (SS-2) Rural and Urban Sociology	Sociology General - 3 (SG-3) Indian Society Sociology Special - 3 (SS-3) Social Research Method Sociology Special - 4 (SS-4) Industrial Sociology
History General - 1 (HG - 1) Modern India	History General - 2 (HG-2) History of Modern World(1450-1991) History Special - 1 (HS-1) Ancient India (Up to 1200 A.C.) History Special - 2 (HS-2) History of Marathas (1630 to 1818)	History General - 3 (HG-3) Medieval India (1200 to 1761) History Special - 3 (HS-3) Modern Maharashtra (1816 to 1960) History Special - 4 (HS-4) History of China and Japan (1839 to 1960)
Political Science General - 1 (PG-1) Introduction to political science	Political Science General - 2 (PG-2) Local Self Government in India Political Science Special - 1 (PS-1) Government & politics in India Political Science Special - 2 (PS-2) Indian Political Thinkers	Political Science General - 3 (PG-3) Modern Political Ideology Political Science General - 3 (PS-3) Indian Foreign Policy Political Science Special - 4 (PS-4) Geography General - 3 (GG-3)
Geography General - 1 (CG-1) Physical Geography	Geography General - 2 (GG-2) Agricultural Geography Geography Special - 1 (GS-1) Settlements Geography	Geography General - 3 (GG-3) Geography Of Tourism Geography Special - 3 (GS-3) Economic Geography

	Geography Special - 2 (GS-2) Resources and Environment	Geography Special - 4 (GS-4) Political Geography
Marathi General - 1 (MG-1)	Marathi General - 2 (MG-2)	Marathi General - 3 (MG-3)
English General - 1 (ENG-1)	English General - 2 (ENG-2)	English General - 3 (ENG-3)
B.A. In Sanskrit		
First Year	Nitishatak, Vyakaran Bhashantar, Nibandh	
	Introduction To Sociology	
	Modern India	
	Introduction to Political Science	
	Vyavaharik Marathi, Sahityatun Samaj Darshan Part -II	
	Indian Economy	
Second Year	Panchatantra, Chandovidnyan, Vyakaran	
	BhagvadGita (Adhyay 1,2,6,18), Raghuvansh Sarg -1	
	Swapnavasavadattam, LaghuKoumudi (Sandhya, Sandhi)	
	Local Self Government In India	
	Indian Social Problems	
	Marathi	
Third Year	Sanskrit Wadmayacha Itihas	
	LaghuKoumudi (vibhaktiarth, Samas), KavyaPrakash (Ullas 1,2,3)	
	Vedantsar, Bharatiya Darshanachi Rupresha	
	Modern Political Thoughts	
	Indian Society	
	Marathi	

B.A. Yoga	
First Year	Yoga Philosophy
	Anatomy and Physiology
	Introduction to Sociology
	Introduction to Political Science
	Modern India
	Indian Economy
Second Year	Yoga Philosophy
	Anatomy and Physiology
	Yoga Practical
	Indian Social Problems
	Local Self Government In India
	Marathi (Literature)
Third Year	Yoga Philosophy
	Anatomy and Physiology
	Yoga Practical(Theory)
	Indian Society
	Modern Political Idologies
	Yoga Practical(Practical)
Bachelor Of Arts (Classical Dance - Kathak / Bharatnatyam)	
<u>KATHAK</u>	
Year I	Bhavang - (BAK - 101)
	Talarang - (BAK - 102)
	Practical & Stage Performance - (BAK - 203)
Year II	Nrityabhed - (BAK - 201)
	Nrityavaibhav - (BAK 202)
	Practical & Stage performance - (BAK - 203)
Year III	Nrittanad - (BAK 301)
	Kalaswad - (BAK - 302)
	Practical & Stage performance - (BAK - 303)

<u>BharatNatyam</u>	
Year I	Bharatnatyam : History and Technique - (BAB - 101)
	Classical Dance Style - (BAB- 102)
	Practical - (BAB-103)
Year II	Epics - (BAB 201)
	Abhinay - (BAB 202)
	Practical - (BAB 203)
Year III	Rasasutra - (BAB -301)
	Natyashastra - (BAB - 302)
	Practical - (BAB - 303)
Master Of Arts (Classical Dance - Kathak / BharatNatyam)	
Part - I	<u>Kathak</u>
	Kathak : Origin and Development
	Kathak Saundarya
	Nrityashodh
	Practical & Stage Performance
	<u>Bharatnatyam</u>
	Notation - 1
	Natyashastra & sangit Ratnakar
	Inter-relationship between Dance and other arts
	Practical & Stage Performance
Part - II	<u>Kathak</u>
	Nrityabhyas
	Kathakdhara
	Kathakshilpa
	Practical & Stage Performance
Dissertation	
	<u>BharatNatyam</u>
	Notation - II
	Rangamanch & Choreography
	16th to 20th Century : Journey of Dance and other performing & fine arts
	Practical & Stage Performance
Dissertation	

Master Of Arts (English)	
Part - I	English Drama
	English Poetry
	English Fiction
	The Structure of Modern English
Part - II	Indian Literature in English
	Literary Theory and Criticism
	Special Author:- William Shakespeare
	American Literature
Master Of Arts (Hindi)	
Part - I	Adhunik Gadya
	Prachin Kavya
	Bharatiya Evam Pashchatya Sahityashastra evam Alochana
	Vaikalpik - Vishesh Sahityakar - Upanyaskar Premchand* OR
	Vaikalpik - Vishaesh Sahityakar - Mahakavi Surdas*
	Note:- Currently 'Upanyaskar Premchand' is the only option available from this group.
Part - II	Adhunik Kavya
	Bhasha Vidnyan aur Hindi Bhasha
	Hindi Sahitya ka Itihas
	Vaikalpik - Anuvad Vidnyan * OR
	Vaikalpik - Prayojanmulak Hindi*
Master Of Arts (Marathi)	
Part - I	Vishesh Granthkar Abhyas - Vyanktesh Madgulkar
	Prachin Gadya-Padya
	Aitihasik va Varnanatmak BhashaVidnyan
	Bharatiya Sahityashastra

Part - II	Sahitya Samiksha
	Adhunik Gadya-Padya
	Madhyayugin Marathi Vangmayacha Itihas
	Gramin Sahitya* OR
	Dalit Sahitya* OR
	LokSahitya
Bachelor Of Commerce (B.Com)	
First Year	Functional English
	Accountancy
	Business Economics (Micro)
	Computer Concepts & Programming
	Optional Group (Any one of the following) :
	* Company Law and Secretarial Practice
	* Business Entrepreneurship
	* Co-operation
	* Optional Group (Any one of the following) :
	* Commercial Geography
	* Office Management
Second Year	Business Management
	Advanced Accountancy
	Business Economics (Micro)
	Costing
	Office Automation or Business Communication
	Optional Group (Any one of the following) :
	Special Subjects : - Paper I
	Business Administration
	Marketing & Advertisement
	Computer Application

Third Year	Mercantile & Industrial Law
	Advanced Accountancy
	Indian & Global Economic Development
	Business Taxation & Auditing
	Special Paper II & III
Master Of Commerce (M.Com.)	
Part I	1 .Management Accounting
	2 .Principles Of Management And Management Information System(MIS)
	3 .Special Paper -I (Common For Both Parts)
	4 .Special Paper II
Part - II	1.Business Finance OR Industrial Economics
	2 .Research And Methodology
	3 .Special Paper - III
	4 .Special Paper - IV
Special Subjects(Any one subject to be selected common for M.Com. Part I & II)	
(A) Advance Marketing:	Paper II : Consumer Behaviour
	Paper III: Customer Relationship Management and Retailing
	Paper IV: Services Marketing
OR	
(B) Business Practices And Environment	Paper I : Modern Business Practices
	Paper II : Business Environment
	Paper III: Entrepreneurship Development
	Paper IV: Organization Trade and Markets
OR	
(C) Advanced Banking And Finance	Paper I : Banking Laws
	Paper II : Central Banking
	Paper III: Banking Practices
	Paper IV: Monetary Policy

Certificate Course in journalism	
	Introduction to Journalism
	Editing
	Reporting
	Reporting, Internship and visit
Bachelor of Journalism – Print Media (B.J)	
	Introduction to Journalism
	Social, political, economical environment
	Journalism laws and ethics
	Introduction to Radio & Television
	Reporting
	Current topics & Feature writing
	Introduction to Rural Journalism
	Editing
	Photo Journalism
	Proof Reading
	Newspaper Management
	Advertising & Marketing Management
	Public Relation & Communication Skills
	Internet Journalism
	Practical + Project
Master of Journalism – Print Media (M. J.)	
Part - I	
	Introduction to Journalism
	Social, Political, Economical Environment
	Journalism laws and ethics
	Introduction to Radio & Television
	Reporting
	Current topics & Feature writing
	Introduction to Rural Journalism

	Editing
	Photo Journalism
	Proof Reading
	Newspaper Management
	Advertisement and Marketing Management
	Public Relations and Communication Skills
	Internet Journalism
	Practical + Project
Part-II :	
	Editorial Writing
	Current Affairs
	Feature Writing
	Supplement & Magazine Editing
	Reporting on state and central level.
Specialisation of any one of the following subjects :	
	1. Economic Issues
	2. Advertisement
	3. Political Reporting
	4. Sports Reporting
	5. Investigative Journalism
	6. Articles Of Lokmanya Tilak
Bachelor Of Social Work(B.S.W.)	
First Year	Introduction to Social Work
	Sociology in Relation to Social Work
	Dynamics of Human Behaviour
	Social Problems & Issues
	Academic English & Professional Writing Skills for Social Workers
	Concurrent Field Work

Second Year	Social Work Theory & Practice - I
	Social Work Research - I (Methodology)
	Social Work Practice in selective settings or with special groups.
	Academic English & Professional Writing Skills for Social Workers
	Concurrent Field Work
Third Year	Social Work Theory & Practice - II
	Social Work Research - I (Analysis & Utilization)
	Counseling : Theory & Practice
	Social Policy & Planning
	Academic English & Professional Writing Skills for Social Workers
	Concurrent Field Work
Master in Social Work (M.S.W.)	
First Year :	History, Philosophy of Social Work Profession
	Sociology And Indian Social Problems
	Psychology For Social Workers
	Methods Of Social Work - Case Work
	Methods Of Social Work - Group Work
	Methods Of Social Work - Working with Communities
	Social Work Research
	Social Welfare Administration
	Health Education for Social Workers
Second Year (Compulsory Papers)	Social Legislation and Legal System
	Social Policies for Social Development
Specialisation Papers I:	
Family and Child Welfare	Family Sociology
	Child Development and Welfare
	Women's Development and Empowerment
	Family Life and Population Education
	Youth Welfare
	Social Work in Industry and Human Resource development
	Counseling : Theory & Practice

OR	
Specialisation Papers II	
Urban & Rural Community Development	Issues Related to Rural And Urban Communities
	Urban and Rural Sociology
	Rural Economy and Co-Operation
	Urban Development and Municipal Administration
	Community development and Panchayat Raj
	Development Communication for social Workers
	Govt. & Voluntary Agencies for Rural Development
Bachelor of Computer Applications (B. C. A)	
Semester - I	Computer Fundamentals
	Mathematics & Statistics
	Basic English
	Office Automation (W/E/P/A)
	Financial Accounting Cost Accounting(FACA)
	Practical :- FACA
	Practical :- Office Automation
Semester - II	Network Fundamentals
	'C' Theory
	SAD
	PPM-1
	Operating System
	Practical :- 'C'
Semester - III	C++
	DBMS
	Unix & Linux Fundamentals
	Communication Skill
	Organizational Behaviour
	Practical:- C++
	Practical:- Unix and Linux

Semester - IV	Busines Application
	Advanced Web Designing
	Testing
	E-Commerce
	Practical:- Java
	Practical:- AWD
Semester - V	.NET Framework
	ORACLE
	ERP
	Presentation Skill
	PPM - 2
	Practical :- .NET
	Practical :- Oracle
Semester - VI	Project
	UML
	industrial Exposure
	MIS
Master In Computer Applications(M.C.A.)	
Semester - I	Software Engineering
	Data Structure Using 'C'
	DBMS & SQL Server
	Principles Of Programing Language
	Practical: DS/SQL
Semester - II	Mathematics & Statistics
	Operating System(Linux)
	OOAD with C++
	RDBMS with ORACLE
	Practical:C++/Oracle

Semester-III	Advanced Computer Network
	Numerical Methods and Graph Theory
	Principles and Practice of Management
	Core java & Adv. Java
	Practical : JAVA
Semester - IV	Advanced Web Development
	Management Information System
	Software Project Management
	SQT(Intro to ISO & CMMI models)
	Practical:AWD & SPM (MS Project)
Semester - V	Enterprise Resource Planning
	NET(framework , C#)
	IT Audit & Risk Management
	PHP
	Practical : NET & PHP
Semester - VI	Finishing School Programme
	Project
Bachelor Of Business Administration (B.B.A)	
Semester I	English
	Principles of Management
	Principles of Financial Accounting
	Introduction to Business
	Basics of Computer
Semester II	Marketing Management - I
	Financial Accounting
	Business Economics-I
	Business Statistics
	Communication Skills

Semister III	Marketing Management - II
	Information Technology
	Financial Management
	Organizational Behavior - I
	Business Mathematics
Semister IV	Business Economics - II
	Cost and management Accounting
	Production and Operations Management
	Organizational Behavior - II
	Business Environment
Semister V	Mercantile Law
	Human Resource Management
	Indian Economy
	MIS
	Research Methodology
Semister VI	Entrepreneurship Development
	Strategic Management
	Specialization(Marketing/HR)
	Specialization(Marketing/HR)
	Project
Specialization	
HumanResourceManagement:	Compensation Mgmt. and Industrial Relations
	Training & Development
Marketing:	Industrial Marketing
	Advertising and Media Management

Master Of Business Administration (M.B.A)	
Semester - I	Essentials & Functions of Management
	Managerial Economics
	Communication Skills in Business
	Management Accounting
	Organizational Behaviour (Design, Development & Change)
Semester - II	Human Resource Management
	Marketing Management
	Financial Management
	Production, Operations & Materials Management
	Business Environment
Semester - III	Entrepreneurship Development
	Management Information System
	Corporate Policies & Strategic Management
*Specialization Subjects - 2 (Splz in either - Fin/HR/Mktg)	
Finance	International Financial Management
	Risk Management
Human Resource Management	Training and Development
	Performance Management
Marketing	Sales Promotion and administration
	Distribution Management
Semester - IV	Corporate Policies and Strategic Management
	International Business Environment and Mgt.
Specialization Subjects	
Finance	Advanced Financial Management
	Strategic Financial Management
	Security Analysis and Portfolio Management
Human Resource Management	Labour Laws and Industrial Relation
	Strategic Human Resource Management
	Compensation Management

Marketing	Salesmanship
	Rural Marketing
	Management Of Services
Semester - V	Project Report
	Research Methodology - Internal Paper
Diploma in Engineering	
First Year Common to all of the Four Streams	
Semester - I	Applied Mathematics - I
	Engineering Drawing
	Applied Science
	Communication Skills
	Elements of Electrical Engineering
	Workshop Practice
Semester - II	Computer Fundamentals
	Applied Mathematics - II
	Self Science
	Elements of Electronics
	Elements of Mechanical Engineering
	Industrial Training
Second Year (Electronics and Telecommunication)	
Semester - III	Digital Electronics
	C Programming
	Electronic Materials and Components
	Electrical Technology
	Digital Presentation Techniques
Semester - IV	Applied Electronics
	Linear Integrated Circuits
	Applied Mathematics - III
	C++ with OOPs
	Industrial Training

Third Year (Electronics and Telecommunication)	
Semester - V	Basic Communication System
	Network Theory & Circuit Analysis
	Microprocessor & Programming
	Computer Network Communication
	Telecommunication Engineering
	Seminar
Semester - VI	Instrumentation & Control System
	Industrial Organisation & Management
	Advanced Communication System
	Industrial Training
	Project Work
Second Year (Computer Engineering)	
Semester - III	Digital Electronics
	Electronic Materials & Components
	C Programming
	Digital Presentation Techniques
	Essentials of Desk Top Publishing
Semester - IV	Data Structure
	Applied Mathematics - III
	C++ with OOPs
	Visual Basic 6.0
	Industrial Training
Third Year (Computer Engineering)	
Semester - V	Computer Organisation & Networks
	Microprocessor & Programming
	Operating System + UNIX
	Computer Commercial Applications & System Analysis
	Peripheral Devices & Interfacing Techniques
	Seminar

Semester – VI	PC Architecture & Maintenance
	Industrial Organisation & Management
	DBMS + SQL
	Industrial Training
	Project Work
Second Year (Diploma in Automobile Engineering)	
Semester – III	Auto Engines & Chassis I
	Auto Drawing
	Applied Mechanics
	Electrical Technology
	Engineering Material
Semester – IV	Applied Mathematics - III
	Strength of Material
	Manufacturing Process
	Applied Electronics
	Industrial Training
Third Year (Diploma in Automobile Engineering)	
Semester – V	Metrology & Quality Control
	Auto Engine & Chassis - II
	Refrigeration & Air Conditioning
	Auto CAD
	Transport Management
	Seminar
Semester – VI	New Trends in Automobile
	Industrial Organisation & Management
	Design of Auto components
	Industrial Training
	Project Work

Second Year (Diploma in Mechanical Engineering)	
Semester - III	Fluid Mechanics
	Machine Drawing
	Applied Mechanics
	Electrical Technology
	Engineering Material
Semester - IV	Applied Mathematics - III
	Strength of Material
	Manufacturing Process
	Applied Electronics
	Industrial Training
Third Year (Diploma in Mechanical Engineering)	
Semester - V	Refrigeration & Air Conditioning
	Metrology & Quality Control
	Theory of Machines
	CAD - CAM
	CNC Machine
	Seminar
Semester - VI	Production Technology
	Industrial Organisation & Management
	Machine Design
	Project Work
	Industrial Training
Post Graduate Diploma in Computer Applications (PGDCA)	
Semester - I	Dimension of Information Technology
	Application of MS-Windows
	C with Data Structures
	OOPS with C++
	Concept of Database (MS-Access)
	Practical - I (Windows, Access)
	Practical - II (C & C++)

Semester - II	Visual Basic 6.0
	CORE Java
	Oracle
	Software Engineering
	Software System Analysis & Design
	Practical - III (VB, Oracle)
	Practical - IV (CORE Java)
	Project
Diploma in Computer Teacher Training Course (DCTTC)	
Semester - I	Fundamentals, M.S. Office, Power Point, Access, Internet, Tally 7.2
	C, C++
	M.S. Office Practical I
	C, C++ Practical II
Semester - II	D.T.P.
	VB, Oracle
	Optional - Hardware Web Designing
	Page Maker Practical III
	Corel Draw Practical IV
	Photoshop Practical V
	VB, Oracle Practical VI
	Hardware or WD Practical VII
	Microteaching
	Project Tally, DTP, VB, Microteaching / WD
Diploma in Computer Hardware & Network (DCHNT)	
Semester - I	Computer Hardware Maintenance & Up-gradation
	Computer Operating System and Software Maintenance
	Practical Paper - I (Computer Hardware)
	Practical Paper - II (Computer Operating Sys.)

Semester - II	Windows Server 2003 Network Technology
	Network Fundamentals, Network Security & Linux
	Practical Paper I (Windows Server 2003)
	Practical Paper II (Network Security & Linux)
Diploma in Yoga & Naturopathy	
	Yoga and Health
	Basic Principles of Naturopathy
	Naturopathic Theropies
	Physiology and Anotomy
	Dietetics
	Yogavidya - Practical
	Naturopathy - Practical
Diploma in Consumer Consultancy	
Semester I	1. Consumer Protection Act
	Right to Information Act
	2. Services and Trade Practices
Semester II Project Work	a) Discussion with the complainant.
	b)Compilation and security of documents.
	c) Issuing notice to the opposite party.
	d) Case law to be referred.
	e) Drafting the complaint application.
Certificate of Home Nursing	
	1) Nursing Arts
	2) First Aid
	3) Nutrition
	4) Anotomy
	5) Hygine
	6) Pediatric Nursing
	7) Gynacology
	8) Medical Nursing, Surgical Nursing
	9) Psychology, Communication Skill
	10) Practical

Certificate Course in Consumer Consultancy	
	A) Consumer Protection Act
	Right to Information Act
	B) Practical Course
	Project Work
	a) To develop and draft consumer complaint
	b) To apply for information and analyse it.
	c) To study service provided by public organisation
Certificate Course in CAD/CAM/CAE	
	1. Unigraphics (CAD + CAM)
	2. Pro- Engineer (CAD + CAM + CAE)
	3. Solid Edge

Dept of Social Sciences	
Parangat (M. A.) in Sociology	
Part-I	
Compulsory Papers	Optional Papers
Early Sociological Traditions*	Gender and Society
Perspectives on Indian Society*	Environment and Society
	Sociology of Popular culture and Mass communications
	Sociology of Religion*
	Rural Society in India*
Part-II	
Compulsory Papers	Optional Papers
Sociology of Change and Development*	Globalization and Society
Methodology of Social Research*	Urban Society in India*
	Sociology of Aging
	Social Movements in India
	Sociology of Marginalized Communities*
M.A./M.Sc in Geography	
Part-I	
Semester I	Geomorphology
	Economics Geography
	Regional Geography of India
	Environmental Geography
	Statistical Methods (Practical)
Semester II	Climatology
	Settlement Geography
	Geography of Natural Disasters
	Resources and Environment
	Cartographic Techniques (Practical)

Part-II	
Semester III	Research Methodology
	Regional Planning
	Environment and Population
	Geography of Tourism
	Village Survey (Practical)
Semester IV	Geography of Soils
	Agriculture Geography
	GIS and RS
	Interpretation of SOI Toposheets (Practical)
	Watershed Analysis (Project Work)
Parangat (M. A.) in Economics	
Part-I	
Compulsory Papers	Optional Papers
Micro Economic Analysis*	Economics of Agriculture*
Economics of Growth and Development*	Indian Economic Policy*
	Economics of Infrastructure
	Economics of Environment
Part-II	
Compulsory Papers	Optional Papers
Macro Economic Analysis*	Industrial Economics*
Public Economics*	Labour Economics*
	Economics of Gender and Development
	Demography

Parangat (M. A.) in History(2006 Pattern)	
Part-I	
Compulsory Papers	Optional Papers
Theory and Practice of History	Socio-economic History of the Marathas
Ideas and Institutions in Ancient and Medieval India	History of China (1839-1990)
	History of Science, Technology and Medicine in Modern India
	History of Dalit Movement in India
	Application of History in Tourism
Part-II	
Compulsory Papers	Optional Papers
History of the Modern World	Making of Modern Maharashtra
History of Modern India	History of Japan (1853 - 1990)
	Women in Indian History
	Introduction to Tribal History
	Pune Through the Ages
M.A. in Philosophy	
Part-I	
Compulsory Papers	Optional Papers(Any Two)
Problems of Philosophy (Western)	Shankaracharya's Advait Vedanta
Indian Epistemology and Metaphysics	Plato and Aristotle
	Aesthetics
	Logic
Part-II	
Compulsory Papers	Optional Papers(Any Two)
Moral Philosophy	Buddhism and Jainism
Indian Philosophies of Life	Rationalism and Empiricism
	Descartes, Spinoza, Leibnitz
	Locke, Berkeley and Hume
	Philosophy of Religion
	Dissertation

Master of Social Work (M.S.W.)	
Part-I	
Semester I	Geomorphology
	Economics Geography
	Regional Geography of India
	Environmental Geography
	Statistical Methods (Practical)
Semester II	Climatology
	Settlement Geography
	Geography of Natural
	Disasters
	Resources and Environment
	Cartographic Techniques (Practical)
Part-II	
Semester III	Research Methodology
	Regional Planning
	Environment and Population
	Geography of Tourism
	Village Survey (Practical)
Semester IV	Geography of Soils
	Agriculture Geography
	GIS and RS
	Interpretation of SOI
	Toposheets (Practical)
	Watershed Analysis (Project Work)

Parangat M. A. in Political Science	
Part-I	
Compulsory Papers	Optional Papers
Political Theory*	Indian Foreign Policy*
Indian Government & Politics*	Development Administration and Local Self Government in India*
	Western Political Thought
	Political Ideas and Leadership of Lokmanya Tilak
	Politics of Developing Societies
Part-II	
Compulsory Papers	Optional Papers
Theory and Practice of International Politics*	Theory and Practice of Comparative Politics*
Major Ideas and Issues of Public Administration*	Political Sociology*
	Modern Indian Political Thought
	Foreign Policy and Diplomacy
	Indian Administration
M.Phil. (Sociology)	
Group A Two Theory Papers:	Methods of Social Research
	Theoretical perspective and debates in contemporary sociology
Group B	Term Papers and Seminars
Group C	Dissertation and Viva-Voce
M.Phil. in Economics	
Group A Two Theory Papers:	1. Methods of Social Research
	2. Advanced Economic Theories
Group B	Term Papers and Seminars
Group C	Dissertation and Viva-Voce
	Research Techniques in Geography
	Trends in Geographical Thoughts

M.Phil in Geography	
	Research Techniques in Geography
	Trends in Geographical Thoughts
Vidya Nishnaat (M. Phil.) in History	
	Research Methodology and Philosophy of History
	Debates in Indian History
M.Phil. (Political Science)	
Group A Two Theory Papers:	1. Methods of Social Research
	2. Political Economy of India
Group B	Term Papers and Seminars
Group C	Dissertation and Viva-Voce
M. Phil in Philosophy	
Group A Two Theory Papers:	Methods of Social Research
	Theoretical perspective and debates in contemporary sociology
Group B	Term Papers and Seminars
Group C	Dissertation and Viva-Voce

THE LATE VAIDYA P.G.NANAL DEPARTMENT OF AYURVEDA

Introductory course in Ayurveda

(Especially for foreign students)

History & Introduction

Basic Principles of Ayurveda

Dravyaguna(Ayurvedic Herbology)

Swasthasutra(Preventive Medicine)

Nidana & Chikitsa (Diagnosis & Treatment)

Global applicability of Ayurveda

Diploma in Ayurvedic Massage (Abhyanga Mardana Tantra)

Philosophy of Ayurveda

History of Abhyanga Mardana

Abhyanga Mardana

Dravyaguna and Aushadhinirmana (Preparation of Ayurvedic medicines)

Case Paper -Case taking

Practical of preparation of different Tailas and Ghrutas (Oil & Ghee)

Different traditional Mardana types and their demonstration

Questionnaire

Special Lectures

Practicals

Diploma in Yoga and Ayurveda (Basic) (D.Y.A.Basic)

Subject - Ayurveda

History of Ayurveda

Svasthavutta

Nidana Chikitsa

Home Remedies

Subject - Yoga

History of yoga darsana

Yoga in practice

Practicals of Yoga

Work done on yoga in India and abroad

Special lectures (if required)

Diploma in Yoga and Ayurveda (Advanced) (D.Y.A.Advanced)	
Subject- Ayurveda	History of Ayurveda
	Svasthavrutta (Regime for maintenance of health.)
	(Preparation of Ayurvedic medicines) (Ayurvedic Pharmacology)
	Nidana -Cikitsaa
Subject - Yoga	History and Philosophy of Yoga- peculiarities of Yoga.
	Yognidra - mudra, bandha etc.
	Practicals of Yoga
	Relation between yoga and ayurveda
	Special Lecturers (if required)
Post Graduate Diploma in Life Style Management	
	Life in Ayurvedic Perspectives
	Lifestyle Management with Ayurveda
	Lifestyle Management with Yoga
	Lifestyle Management with Abhyanga-Mardana
	Life Style Management with Manasa-Chikitsa (Psychology)
Diploma in Yoga Education	
	Anatomy & Physiology - Knowledge of structure & function of different systems of the body and their relation with different yoga procedures
	Shuddhi Kriya - Detoxification procedures
	Therapeutic Yoga, Basics, Limitations & Precautions of Therapeutic Yoga
	Latest research in Yoga - Special Lecture(s) as per need
Practical Training	
	Basic Asanas
	Advanced Asanas
	Pranayama
	Shuddhikriya - (Detoxification procedures)
	Lesson of Yoga training
	Conducting Yoga Session
	Conducted Monday to Friday
	Strengthens students by imparting genuine knowledge about Ayurvedic pharmacies

Diploma in Ayurvedic Dietetics	
	Basic Orinciples,History of Ayurvedic Dietetics and Swasthasutra
	Dravyaguna Vidhyana,Research Methodology
	Ahara Varga & Practical of Krutanna Varga
	Nidana & Chikkitsa (Ref Book : Hetikosha)
Diploma in Ayurvedic Beauty Therapy	
	Essential of Health Hygiene
	Dinacharya (Daily Regime)
	History of Beauty concept - Vedic, Madhyayugin Beauty concept evolution
	Significance with respect to swasthya (Health)
	Shayanathutthanam (Rising from bed)
	Dantdhavan (Cleaning teeth)
	Bath - Head Bath - indication contra indication
	Vastra - (Fabric) - Vastra pravarana
	Ahara - Diet & its relation with Beauty care
	Face Care - Kaval, Gandusha
	Lip care - Tambul Sevana (Medicated beetal leaf)
	Face wash - Types of face wash
	Mukhprakshalana:
	Properties of Kadha (Kwatha)
	Properties of Siddhajala (Medicated Water)
	Properties of Sidhadugdha (Medicated Milk)
	Properties of Sidha Tail (Medicated Oil)
	Dental Care - Natural bleach
	Properties of Dravya for dantadhavana
	Body care:
	Tailabhaigana: (Massage)
	Properties of Tail, Ghrita (Ghee)
	Properties of Abhyanga -
	Skin Massage
	Properties of padaphynga -
	Foot Massage
	Properties of Shiroabhyanga - Head Massage

Bachelor of Ayurvedic Pharmacy	
First Year	Fundamentals of Ayurveda including Swasthavritta
	Rasa Shastra and Bhaishajya Kalpana - 1
	Dravyaguna Vigyan - 1
	Ayurveda Sharir Kriya evam Rachana Vigyan
	Anatomy, Physiology & Health Hygiene
	Sanskrit (Prathama & Dvitiya)
	Rasa Shastra & Bhaishajya Kalpana -II
	Dravyaguna Vigyan - II-
Second Year	Rasa Shastra & Bhaishajya Kalpana- III
	Dravyaguna Vigyan - III
	Rasa Shastra & Bhaishajya Kalpana- IV
	Dosha, Dhatu, Mala- Vigyan
	Pharmacognosy of Ayurvedic Drugs-I
	Pharmaceutics & Physical Pharmacy
	Pharmacognosy of Ayurvedic Drugs-II
Third Year	Pharmaceutical Chemistry (Inorganic and Organic)
	Pharmaceutical Biology
	Pharmaceutical Analysis of Ayurvedic Drugs - 1
	Pharmaceutical Analysis of Ayurvedic Drugs - II
	Pharmaceutical technology of Ayurvedic drugs - II
	Pharmaceutical Engineering
	Pharmacology and Toxicology of Ayurvedic Drugs - 1
Fourth Year	Pharmaceutical Analysis of Ayurvedic drugs- ffl(Q.C.,Std.,GMP)
	Pharmaceutical Technology of Ayurvedic Drugs - III
	Pharmaceutical Bio-chemistry
	Pharmaceutical Microbiology
	Pharmacology & Toxicology of Ayurvedic Drugs - II
	Forensic Pharmacy and Drug and Cosmetics Act (as applicable to Ayurvedic drugs)

Master in Ayurvedic Dietetics (M. Ayu. D.)	
First Year	Basic Principles of Ayurveda and Doshadhatumalavijnana
	Concept of Svasthya and Diet- 1
	Principles of Dravyagunavijnana & Research methodology
	Nidana, Chikitsa, Rasayana Vajikarana
	Ksemakutuhala
Second Year	History of Dietetics, Concept of samskar, Krutanna Varga, Anukta Krutanna Varga
	Svasthavrtta and Diet - 2
	Dravyagunavijnana - Vargavicara
	Concept of Nidana Chikitsa according to diseases
	Dissertation

Faculty of Modern Sciences and Professional Skills	
Certificate Course In Cyber Security(CCS)	
Semester - I	Cyber Security & Ethical Hacking
	Application Attacks
	Network Attacks
	Network Security
	Assignment-1
	Assignment-2
Diploma in Computer Hardware & Network (DCHNT)	
Semester - I	Computer Hardware Maintenance & Up-gradation
	Computer Operating System and Software Maintenance
	Practical Paper - I (Computer Hardware)
	Practical Paper - II (Computer Operating Sys.)
Semester - II	Windows Server 2003 Network Technology
	Network Fundamentals, Network Security & Linux
	Practical Paper I (Windows Server 2003)
	Practical Paper II (Network Security & Linux)
Diploma in 2D Animation	
	Introduction To Software
	Using Tools
	Drawing and Painting
	Colour Scheme
	Importing Bitmap Images
	Tracing (Character, Backgorund), Basic Animation
	Mechanical Animation
	Character Animation
	Importing Sound
	Exporting
	Types of File
	Project

Diploma in 3D Animation	
Maya	3D Max
Introduction to Maya	Polugon, Nurbs & Subdivisional Modeling
Polugon, Nurbs & Subdivisional Modeling	Environmental Modeling
Environmental Modeling	Character modeling
Character modeling	Architectural modeling
Texturing	Interior Designing
Rigging & Skinning	Texturing
Character Animation	Rigging & Skinning
Logo Animation	Character Animation
Special Effects	Logo Animation
Dyanamics	Walk Through
Advanced Lighting	Camera Techniques
Camera Techniques	Rendering using Renderman & Mental Ray
Rendering using Renderman & Mental Ray	Project
Project	
Diploma in Cyber Security(DCS)	
Semester - I	Cyber Security & Ethical Hacking
	Application Attacks
	Network Attacks
	Network Security
	Assignment-1
	Assignment-2
Semester - II	Introduction of I.T. Act 2000
	Vulnerabilities & Attacks
	Penetrating Testing
	Project
	Assignment-1
	Assignment-2

Advance Diploma in Cyber Security(ADCS)	
Semester - I	Cyber Security & Ethical Hacking
	Application Attacks
	Network Attacks
	Network Security
	Assignment-1
	Assignment-2
Semester - II	Introduction of I.T. Act 2000
	Vulnerabilities & Attacks
	Penetrating Testing
	Project
	Assignment-1
	Assignment-2
Semester - III	Introduction of Cyber Crime Investigation
	Data Acquisition & Forensics
	Practical Approach to Investigation
	Project
	Viva
	Live Case/ Assignment
Post Graduation Diploma in Cyber Security(PGDCS)	
Semester - I	Cyber Security & Ethical Hacking
	Application Attacks
	Network Attacks
	Network Security
	Assignment-1
	Assignment-2

Semester - II	Introduction of I.T. Act 2000
	Vulnerabilities & Attacks
	Penetrating Testing
	Project
	Assignment-1
	Assignment-2
Semester - III	Introduction of Cyber Crime Investigation
	Data Acquisition & Forensics
	Practical Approach to Investigation
	Project
	Viva
	Live Case/ Assignment
Post Graduate Diploma in Computer Applications (PGDCA)	
Semester - I	Dimension of Information Technology
	Application of MS-Windows
	C with Data Structures
	OOPS with C++
	Concept of Database (MS-Access)
	Practical - I (Windows, Access)
	Practical - II (C & C++)
Semester - II	Visual Basic 6.0
	CORE Java
	Oracle
	Software Engineering
	Software System Analysis & Design
	Practical - III (VB, Oracle)
	Practical - IV (CORE Java)
	Project

B.Sc. Biotechnology	
Semester – I	
Biotechnology	Introduction to Biotechnology, Microbiology
	Biomolecules and Biomathematics
	Practicals for BT-101 and BT-102
Botany	Morphology and Anatomy
	Plant Diversity
Chemistry	Practicals for BO-104 and BO-105
	Physical Chemistry and Inorganic Chemistry- Part I
	Organic and Inorganic Chemistry- Part I
	Practicals for CH-107 and CH-108
Semester – II	
Biotechnology	Genetics and Immunology
	BCell Biology and Biostatistics
	Practicals for BT-201 and BT-202
Botany	Plant Ecology
	Plants and Human Welfare
	Practicals for BO-204 and BO-205
Chemistry	Physical Chemistry and Inorganic Chemistry- Part II
	Organic and Inorganic Chemistry- Part II
	Practicals for CH-207 and CH-208
Semester – III	
Biotechnology	Molecular Biology
	Principles of Bioinstrumentation
	Practicals for BT-301 and BT-302
Botany	Biodiversity and Systematics
	Plant breeding
	Practicals for BO-304 and BO-305
Computers	Computer fundamentals

Semester – IV	
Biotechnology	Environmental Biotechnology
	Bioenergetics and Metabolism
	Practicals for BT-401 and BT-402
Botany	Phytochemistry
	Plant Physiology
	Practicals for BO-404 and BO-405
English	English
Semester – V	
Biotechnology	Plant and Animal Biotechnology
	Developmental Biology
	Enzymology
	Management aspects in Biotechnology
	Practicals for BT-501, BT-502 and BT-503
Semester – VI	
Biotechnology	Genetic Engineering
	Microbial Biotechnology
	Bioprocess technology
	Practicals for BT-601
	Practicals for BT-602 and BT-603
Bachelor of Computer Applications (B. C. A)	
Semester - I	Computer Fundamentals
	Mathematics & Statistics
	Basic English
	Office Automation (W/E/P/A)
	Financial Accounting Cost Accounting(FACA)
	Practical :- FACA
	Practical :- Office Automation

Semester - II	Network Fundamentals
	'C' Theory
	SAD
	PPM-1
	Operating System
	Practical :- 'C'
Semester - III	C++
	DBMS
	Unix & Linux Fundamentals
	Communication Skill
	Organizational Behaviour
	Practical:- C++
	Practical:- Unix and Linux
Semester - IV	Java
	Busines Application
	Advanced Web Designing
	Testing
	E-Commerce
	Practical:- Java
	Practical:- AWD
Semester - V	.NET Framework
	ORACLE
	ERP
	Presentation Skill
	PPM - 2
	Practical :- .NET
	Practical :- Oracle
Semester - VI	Project
	UML
	industrial Exposure
	MIS

Bachelor Of Business Administration (B.B.A)	
First Year	
Semester I	Semester II
English	Marketing Management - I
Principles of Management	Financial Accounting
Principles of Financial Accounting	Business Economics
Introduction to Business	Business Statistics
Basics of Computer	Communication Skills
Second Year	
Semester III	Semester IV
Marketing Management - II	Managerial Economics
Information Technology	Cost and management Accounting
Financial Management	Production and Operations Management
Organizational Behavior - I	Organizational Behavior - II
Generic Skills	Business Environment
Third Year	
Semester V	Semester VI
Mercantile Law	Entrepreneurship Development
Human Resource Management	CRM
Business Mathematics	Specialization
MIS	Specialization
Research Methodology	Project
Specialization	
Finance	Advance Financial Management.
	Taxation
Human Resource Management	Compensation Mgmt. and Industrial Relations
	Current Trends in HR
Marketing	Industrial Marketing
	Advertising and Media Management

B.Sc. - Digital Arts (Animation)	
Semester - I	Fundaments Of sketching
	Graphics
	Color(Practical)
	Color Science(Theory)
	History Of Arts - 1
Semester - II	Composition
	Design
	Introduction To Digital Arts
	History Of Arts-2
Semester - III	Anatomy
	Character Construction
	Animation Techniques
	History Of Animation
Semester - IV	Character Movements
	Background Design
	Flash
	2D Based Project
Semester -V	3D Modeling (Maya OR 3Ds Max)
	Texturing (Maya OR 3Ds Max)
	Lighting & Rendering(Maya OR 3Ds Max)
	Maya or Max Theory - 1
Semester - VI	Animation & Dynamics(Maya OR 3Ds Max)
	Maya OR Max theory - 2
	Editing(Practical)
	Editing(Theory)
	Compositing(Practical)
	Compositing(Theory)
Semester - VII	Project

B.Sc. - Applied Arts (Animation)	
Semester - I	Drawing and Colour
	Design 2D and 3D
	Computer Graphic
	English
Semester - II	Principles of Design
	Creative Concepts and Visualization
	Print Making
	Indian Culture and Arts
Semester - III	Graphic Design -1
	Photography
	Advertising Art and Ideas
	History of Art and Design
Semester - IV	Graphic Design -2
	Aesthetics
	Computer Graphics
	Reproduction Techniques
Semester -V	Graphic Design -3
	Illustration
	Advertising Art & Media
	History of Art & Design
Semester - VI	History of Visual Communication & Media -1
	History of Indian Advertising
	Drawing-2
	Photography
Semester -VII	Graphic Design - 4
	History of Visual Communication & Media -2
	Drawing-3
	Computer Graphics - 2

Semester - VIII	Graphic Design - 5
	Illustration
	Advertising Art & Ideas - 2
	History of Design, Economics and Art of Electronic Age
B.B.A in Hospitality & Tourism	
Semester - I	Communication Skills & French - I
	Food Production - I
	Rooms Division operation - I
	Food & Beverage Service - I
	Principles of Accountancy
	Introduction To Travel & Tourism - I
	Food Commodities
Semester - II	Communication Skills & French - II
	Food Production - II
	Rooms Division operation - II
	Food & Beverage Service - II
	Essentials Of Management
	Travel & Tourism - II
	Food Nutrition & Hygiene
Semester - III	Organizational Behaviour
	Food Production - III
	Rooms Division operation - III
	Food & Beverage Service - III
	Managerial Economics
	Tourism Operations - I
	Food & Beverage Controls

Semester - IV	Computer Application
	Food Production - IV
	Rooms Division operation - I
	Food & Beverage Service - IV
	Business Law
	Tourism Operations - II
	Development of Generics Skills
Semester - V	Entrepreneurship Development
	Food Production - V
	Rooms Division operation - II
	Food & Beverage Service - V
	Marketing Management
Semester - VI	Industrial Training Duration 5 months
	Project/Viva
MBA - Hospitality & Tourism	
First Year	
Semester - I	Essentials and Functions Of Management
	Managerial Economics
	Communication Skills in Business
	Management Accounting
	Organizational Behaviour
	Quantitative Methods
	Strategic Management in Tourism
	Risk Management
Semester - II	Human Resource Managemnt
	Marketing Management
	Financial Management
	Production, Operations and Materials Management
	Business Environment
	Organizational Effectiveness and Change
	Hospitality Information Systems
	Tourism Princples,Practices and Philosophies

Second Year	
Semester-I	Entrepreneurship Development
	Management Information Systems(MIS)
	Legal Aspects Of Business
	Supply Chain Management
	Purchasing , Selection and procurement for the Hospitality Industry
	Hospitality Law
	Project work
Semester - II	Corporate Policies and Strategic Management
	International Business Environment and Management
	Food & Bevarage and Labour Cost Control
	Design and Layout of Foons Service Facilities
	Management by Menu
	Total Quality Management
	Customer Service Operations
	Consumer Behaviour
Master of Computer Applications (M. C. A)	
Semester - I	Operating System
	E. R. P.
	H. R. M.
	Access & Visual Basic
Semester - II	Computer Network
	OOP Using C++ Programming
	RDBMS Oracle 8i
Semester - III	Management Information System
	Adv. Java Programming
	Computer Graphics
Semester - IV	Software Quality Testing and Tools
	VB.Net Programming
	Adv. Web Designing (Java/ASP/XML)

Semester - V	IT Audit & Risk Management
	Linux
	PHP
Semester - VI	Industrial Training
	Project
	Seminar
Programme Contents (Theory and Practical for Non-Computer Graduates)	
Semester - I	Mathematics and Statistics
	C Programming and Introduction to Data Structures
	Access and Visual Basic
Semester - II	Computer Network
	OOP Using C++ Programming
	RDBMS Oracle 8i
Semester - III	Management Information System
	Adv. Java Programming
	Computer Graphics
Semester - IV	Software Quality Testing and Tools.
	VB.Net Programming
	Adv. Web Designing (Java/ASP/XML)
Semester - V	IT Audit & Risk Management
	Linux
	PHP
Semester - VI	Industrial Training
	Project
	Seminar

Master Of Business Administration (M.B.A)	
Semester - I	Essentials & Functions of Management
	Managerial Economics
	Communication Skills in Business
	Management Accounting
	Organizational Behaviour
	Quantitative Methods
	English Language + Foreign Language
	Computer Applications in Management
Semester - II	Human Resource Management
	Marketing Management
	Financial Management
	Production, Operations and Materials Management
	Business Environment
	Organisational Effectiveness and Change
	Research Methodology
	Foreign Language
Semester - III	Entrepreneurship Development
	Management Information System
	Legal Aspects of Business
	Supply Chain Management
	* Specialization Subjects - 2
	(Splz in either - Fin / HR / Mktg)
	Project Work
Specialization Subjects	
Finance	International Financial Management
	Risk Management
Human Resource Management	Training and Development
	Performance Management
Marketing	TSales Promotion and Administration
	Distribution Management

Project Work (Equivalent to 2 Subjects)	
Semester - IV	Corporate Policies and Strategic Management
	International Business Environment and Management
* Specialization Subjects - 6	
(Splz in either - Fin / HR / Mktg)	
Finance	Advance Financial Management
	Strategic Financial Management
	Security Analysis and Portfolio Management
	Financial Decision Analysis
	Management of Financial Institutions
	Introduction to Taxation
Human Resource Management	Labour Laws and Industrial Relations
	Strategic Human Resource Management
	Compensation Management
	Talent Acquisition and Retention
	Manpower Development for Technological Change
	Cross Cultural and Global Management, Human Resource Management
Marketing	Salesmanship
	Rural Marketing
	Management of Services
	Brand Management
	International Marketing
	Industrial Marketing
Master of Mass Media (M.M.M.)	
First Year	
Basic Level	1.Mass Media & Communication
	2.Communication Skills Written & Spoken, Style
	3.Television Language & Grammer
	4.Television Programmes & Viewership
	5.Media Ethics & Laws Part I
	6.History of Broadcast Media
	200 practical 100theory

Foundation Level	1. Writing for Television
	2. Concept, Research & Treatment
	3. Television Production Process Part I
	4. Presentation Styles
	Core streams optional (any 1) tune to specialization
	5. Television Programming & Media Management
	6. Broadcast Journalism
	7. Advertising & PR
	200 practical 100theory
Specialization level	1. Television Production
	2. Television Programming & media management & Research
	3. Broadcast Journalism
	4. Advertising & PR
	200 practical 100theory
	Projects
	Dissertation, 15 min production
Second Year	
Basic Modules	1. Trends in Mass Media
	2. Communication Skills ,Group & Leadership development
	3. Media Events & Management
	4. TV Channels, Regional & National
	5. Media Ethics & Laws (Part II)
	6. Development Communication
Foundation Modules Mandatory	1. Style of Fictions & Non-Fictions, Ads
	2. Presentation of News & Documentaries
	3. Television Production Process Part II
	4. Indian Culture & Traditions

Core Streams Optional (Any one) * Tuned to their specialisation	
	1. Breaking News Coverage (Broadcast Journalism)
	2. On-line multi camera production (Production)
	3. Social Ads, Traditional Forms (Advertising & PR)
	4. Television Rating Points TRPs (Programming & Media Management)
Note:-*PG Diploma In Mass Media (1 Year Duration) is equivalent to the first year of M.M.M. Course.	
Specialization	
(Production)	1. Multi camera productions
	2. Camera & Lighting, Chroma key
	3. Graphics & Special Effects
	4. Live Broadcasts
Project(Programming)	1. Prime Time Strategy
	2. Non-prime Time Strategy
	3. Flagship Programme
	4. Master Plan for a Station
Project	6. Live Production
	7. Resources & Financial management
	8. Business Compliance
	News-Room management
(Broadcast Journalism)	1. In/Out-put co-ordination
	2. Bulletin Structures
	3. Feed / news flow Management
	4. Sting operations
Project (Advertising & PR)	1. Life cycle, Products, Markets
	2. Media Planning & Campaigning
	3. Agencies
	4. Research & feedback
Project	Final Project, Research & Internship 100marks

MASTER OF SCIENCE - BIOTECHNOLOGY	
Semester - I	Bacteriology
	Virology
	Biochemistry
	Practical Course- Microbiology
	Practical Course- Biochemistry
Semester - II	Molecular Biology
	Cell Biology
	Immunology
	Practical Course- Molecular Biology
	Practical Course- Cell Biology and Immunology
Semester - III	Genetic Engineering
	Plant Biotechnology
	Animal Biotechnology
	Practical Course- Genetic engineering, Plant and Animal Biotechnology
	Project, Dissertation, Viva
Semester - IV	Bioprocess Engineering and Technology
	Bioinformatics, Genomics and Proteomics
	Bioenergetics and Biophysical Chemistry
	Practical Course- Industrial Biotechnology
	Practical Course- Enzymology
MASTER OF BUSINESS ADMINISTRATION - BIOTECHNOLOGY (M. B. A. BioTech)	
Semester - I	Essentials and Functions of Management (MF 101)
	Managerial Economics (MF 102)
	Communication Skills in Business (MF 103)
	Management Accounting (MF 104)
	Organizational Behavior (MF 105)
	Quantitative Methods (MF 106)
	Introduction to Biotechnology (MB 107)
	Biomolecules (MB 108)

Semester - II	Human Resource Management (MF 201)
	Marketing Management (MF 202)
	Financial Management (MF 203)
	Production Operation and Materials Management (MF 204)
	Business Environment (MF 205)
	Organization Effectiveness and Change (MF 206)
	Computer Fundamentals and Biostatistics (MB 207)
	Recent Trends in Biotechnology (MB 208)
Semester - III	Entrepreneurship Development (MF 301)
	Management Information Systems (MF 302)
	Legal Aspects of Business (MF303)
	Supply Chain Management (MF 304)
	Basics of Bioinformatics (MB 305)
	Review Writing (related to biotechnology management) (MB 306)
	Project Work (MB 307)
Semester - IV	Corporate Policies and Strategic Management (MF 401)
	International Business Environment and Management (MF 402)
	Principles of Bioinstrumentation (MB403)
	Legal Aspects and Quality Control in Biotechnology (MB 404)
	Business Planning and Logistics in Biotechnology Industry (MB 405)
	Ethical Issues in Biotechnology (MB 406)
	Training in Biotechnoloy Laboratory/Journal/Viva (MB 407)
	Business Plan in Biotechnology-report writing and Viva-voce (MB 408)

Master Of Business Administration - Clinical Research	
Semister - I	Essentials and Functions of Management
	Managerial Economics
	Communication Skills in Business
	Management Accounting
	Organizational Behaviour
	Quantitative Methods
	Pharmacology & Drug Development
	Introduction to Clinical Research
Semister - II	Human Resource Management
	Marketing Management
	Financial Management
	Production Operations and Materials Management
	Business Environment
	Organisational Effectiveness & Change
	Indian & International Regulatory Affairs
	Essential Document Writing
Semister - III	Entrepreneurship Development
	Management Information System (MIS)
	Legal Aspects of Business
	Supply Chain Management
	Specialization Subjects - 2
	Project Work
Specialization Subjects (Clinical Research)	
	Pharmacovigilance & Clinical Data Management
	Clinical Research Project Management
Project Work (Equivalent to 2 Subjects)	
	Project Work
Semister - IV	Corporate Policies and Strategic Management
	International Business Environment and Management
	* Specialization Subjects (6 Subjects)

Specialization Subjects (Clinical Research)	
	Herbal & Medical Devices Trials
	Medical Statistics
	Pharmacoeconomics
	Intellectual Property Rights
	Clinical Development Planning
	Pharmacogenomics
Master Of Business Administration - Ayurvedic Pharmacy	
Semister - I	Essentials and Functions of Management
	Managerial Economics
	Communication Skills For Business
	Management Accounting
	Organizational Behaviour
	Quantitative Methods
	Preparatory Methods of Ayurvedic Medicine
	Introduction to Herbal Medicine
Semister - II	Human Resource Management
	Marketing Management
	Financial Management
	Production Operations and Materials Management
	Business Environment
	Organisational Effectiveness & Change
	Introduction to Herbal Cosmetics
	Pharmacognocny
Semister - III	Entrepreneurship Development
	Management Information System (MIS)
	Legal Aspects of Business
	Supply Chain Management
	Regulatory Aspects of Ayurvedic Pharmacy
	Retail Management
	Project Work (Related to Ayurvedic Pharmacy)
	Project Work (Related to Ayurvedic Pharmacy)

Semister - IV	Corporate Policies and Strategic Management
	International Business Environment and Management
	IPR, Patent & Business
	International Marketing of Ayurved
	Health Care Management
	Pharmaceutical Marketing
	Project Management
	Clinical Research Management
Master Of Business Administration - Hospital & Healthcare Management	
Semister - I	Essentials and Functions of Management / Principles of Management
	Managerial Economics
	Communication Skills In Business
	Management Accounting
	Organizational Behaviour (Design, Development & Change)
	Quantitative Methods
	Introduction to Human Anatomy & Physiology including Medical Procedures
	Hospital Administration & Planning
Semister - II	Human Resource Management
	Marketing Management
	Financial Management
	Production Operations and Materials Management
	Business Environment
	Organisational Effectiveness & Change
	Management of Clinical Services
	Management of Supportive Services

Semister - III	Entrepreneurship Development
	Management Information System (MIS)
	Legal Aspects of Business
	Supply Chain Management
	Medical Ethics, Negligence & Compensation
	Marketing of Hospital Services
	Project Work
Semister - IV	Corporate Policies and Strategic Management
	International Business Environment and Management
	Hospital Equipment Planning
	Hospital Engineering Services
	Role of Hospital in National Health Program
	Laws Applicable to Hospitals
	Medico-Legal Responsibilities in Hospitals & Medical Services
	Total Quality Management

<u>Dept. Of Health Sciences</u>		
Bachelor Of Science In Nursing (B.Sc. Nursing)		
First Year	Anatomy & Physiology	
	Nutrition and Biochemistry	
	Nursing Foundation	
	Psychology	
	Microbiology	
	English	
	Introduction to Computer	
	Practical & viva Voce	Nursing Foundations
Second Year	Sociology	
	Medical Surgical Nursing - I	
	Pharmacology, Pathology, genetics	
	Community Health Nursing - I	
	Communication and Educational Technology	
	Practical & viva Voce	Medical Surgical Nursing - I
Third Year	Medical surgical Nursing	
	Child Health Nursing	
	Mental Health Nursing	
	Practical & viva Voce	Medical Surgical Nursing - II
	Child Health Nursing	
	Mental Health Nursing	
Forth Year	Midwifery and Obstetrical Nursing	
	Community Health Nursing - II	
	Nursing Research & Statistics	
	Management of Nursing Services and education	
	Practical & viva Voce	Midwifery and Obstetrical nursing
	Community Health Nursing	

Bachelor Of Physiotherapy (BPT)	
First Year	Human Anatomy
	Human Physiology
	Biochemistry
	Fundamental of Exercise Therapy
	Fundamental of Electrotherapy
Second Year	Pathology
	Sociology, Community Health & Biostatics
	Pharmaacology,Pathology,genetics
	Psychology & Psychiatry
	Exercise Therapy
Third Year	Surgery + Orthopedics
	Medicine (Geriatrics + Dermatology)
	Obstetrics & Gynecology (Pediatrics)
	Physical Diagnosis & Manipulative Skills
	Pharmacology
Forth Year	Physiotherapy in Orthopedics
	Physiotherapy in Neuro-science
	Physiotherapy in General Medicine & Surgical Condition
	Physiotherapy in Community Health
	Physiotherapy in Prosthesis & Orthosis & Professional issues / Administration Management & Marketing

Dept. of Education

Bachelor of Education (B. Ed.)

A) External Examination Five Papers:

Education in Emerging Indian Society.

Psychology of Development and learning.

Secondary & Higher Secondary Education :History, Problems & Management.

Information & Communication Technology and Educational Evaluation.

Content Cum Methodology of School Subjects.

B) Internal Assessment:

Internal test, Content test, tutorial.

MicroTeaching, Integration, Practice.

Lessons, Internship, Observation, Event Management.

Practical work for paper I to IV, Content - cum

methodology workshop,co-curricular activities,

Social service.

<u>Dept. Of Library</u>	
Bachelor of Library and Information Science(B. Lib & I. Sc.)	
	Philosophy of LIS & Social Importance of Lib.
	Library Management
	Reference Service & Bibliographic Control
	Classification Theory
	Classification Practicals
	Information work
	Cataloguing Theory
	Cataloguing Practical
	Information and communication technology in libraries
	Information and communication technology application in libraries-Practicals
Master of Library and Information Science(M. Lib. & I.Sc.)	
	Comparative & International Librarianship
	Library Management
	Information Science
	Application Of Information Technology
	Research Methods & Statistical Techniques for Librarianship
	Academic Library System
	Special Libraries
M.Phil in Library and Information Science	

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Pune

4,500

4,500

4,700

Pune

25,000/-

25,000/-

25,000/-

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Geography General - 1
(GG-1)