CRITERION-I

EVIDENCE(S), AS PER SOP

METRIC No. 1.1.1	Curricula developed and implemented have relevance to the local, national, regional, and global developmental needs
• List of the Programs	

1.1.1 QIM Curriculum Development- Relevance to Local, Regional, National and International

Level	Courses
Local	**M.A.- Ancient Indian History, Culture & Archaeology**
	Art and Iconography Part-I
	Architecture Part- I
	Art and Iconography Part--II
	Architecture Part- II
	Survey and Field Work
	Numismatics Part--I
	Epigraphy & Palaeography Part--I
	Political and Cultural History of Chhattisgarh Part--I
	Political and Cultural History of Chhattisgarh Part-II
	Survey and Field Work
	M.A./ M.Sc.- Anthropology
	Lab Course I: Practicals in Craniology and Craniometry
	Lab Course II: Practicals in Osteology and Osteometry
	Fundamentals of Human Genetics
	Medical Anthropology
	Biostatistics and Computer Application
	Lab Course I: Practicals in Archaeology
	Lab Course II: Compulsory Field Work
	Applied Anthropology (Group- A & B)
	Lab Course I: Practicals in Applied Biological Anthropology
	Lab Course II: Practicals in Human Growth, Nutrition and Physiology
	Theory Methods in Social –Cultural Anthropology
	Tribal Development
	Lab Course I: Practicals in Museology
	Lab Course II: Ethno-Museological Fieldwork Based Report and Seminar
	Forensic Anthropology
	Dissertations (external)
	Presentations/Viva-Voce
	Disaster Management, Displacement & Rehabilitation
	Dissertations (external)
	Presentations/Viva-Voce
	M.Phil.- Anthropology
	Reserch Methodology, Quantitative Techniques and Computer Application
	Dissertation Report
	Dissertation Based Presentation
	Theory Based Seminar
	Practicals in Applied Anthroplogy
	Ph.D.- Anthropology
	Research Methodology and Computer Applications

Review of Concerned Litrature, Seminar and Project Work
P.G. Diploma in Forensic Science
Fundamentals of Forensic Science and Physical Evidance
Fundamentals of Criminology
Lab Course -I
Toxilogy. Forensic Chmistry and Forensic Biology
Fundamentals of Police Science
Lab Course -II
M.Sc.- Biotechnology
Biostatistics, Bioinformatics & Computers in Biotechnology
Plant Biotechnology
Bioprocess Engineering & Technology
Environmental Biotechnology
IPR, Biosafety, Bioethics and Nanobiotechnology
Advanced Techniques in Biotechnology
Lab Courses
Project Work
M.Phil.- Biotechnology
Research Methodology
Applied Biotechnology
Lab Course (Based on Theory paper 1,2)
Dissertation
Ph.D.- Biotechnology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
CBCS
Basic Biotechnology
Applied Biotechnology
M.Sc.- Chemistry
Theory and applications of spectroscopy-I
Reaction mechanisms
Theory and Applications of spectroscopy-II
Resonance spectroscopy, photochemistry and organocatalysis
Chemistry of biomolecules
Analytical techniques and data analysis
Instrumental methods of Analysis
Natural products and medicinal chemistry
Environmental & applied chemical Analysis
Medicinal chemistry
Chemistry of surfactants
Chemistry and application of pesticides
Chemistry of natural products
Polymers

Forensic chemistry
Lab courses
Project Work
Seminar based on above project work
Ph.D.-Chemistry [Course Work]
Research methodology
Literature search technique
Instrumentation techniques
Sampling & modeling
Statistical analysis
Project based on review of Research work
Seminar
M.Phil.- Chemistry
Research Methodology in Chemistry
Medicinal and Physical Organic Chemistry
Advanced Environmental Chemistry
Chemistry of Nanomaterials
Based on Theory
Seminar based on Dissertation
Script Writing
Viva-voce
P.G. Diploma Yoga Education & Philosophy
Theoritical Yoga Vijan
Applied Yoga Vijnan
Practice Teaching (Indoor) & Practice Teaching (Outdoor/ Internship)
Practical
Practical Record & Viva- Voce
Yoga Philosophy
Hatha Yoga
Practice Teaching (Indoor) & Practice Teaching (Outdoor/ Internship)
Practical
Practical Record & Viva- Voce
M.A.- Applied Philosophy & Yoga
Yoga ke Adharbhoot Tatva - Pratham
Yoga ki Darshnik Prishthabhumi - Dwitiya
Hath Yoga Siddhant Avam Sadhana - Tritiya
Practices Exam & Internship - Chaturth
Chetna ka Adhyan - Pratham
Patanjal Yoga Sutra - Dwitiya
Yoga Avam Swastha - Tritiya
Practices Exam & Internship - Chaturth
Shrimadbhagwad Geeta Darshan Avam Yoga Sadhna ke Tatva - Pratham
Asan Aur Pranayam ka Vaigyanic Adhyan - Dwitiya
Yogic Aahar Avam Poshan - Tritiya

Practices Exam & Internship - Chaturth
Yoga-Upachar - Pratham
Sharir Avam Sharir Kriya- Vigyan - Dwitiya
Dissertation & Enternship / Educational Tour - Tritiya
Practices Exam & Internship - Chaturth
M.Phil.- Comparative Religion and Applied Philosophy
Resarch Methodology
Comparative Study of Religions
Yogic Skil Development
Ph.D.- Comparative Religion and Applied Philosophy
Research Methodology
Review/ Project Work & Seminar
CBCS
Introduction to Philosophy & Yoga - Part -1
Yog ka Vaigyanik Paksha avam Swastha
Master of Computer Applications
Object Oriened Programming With 'C++'
Relational Database Management Systems
Operating System with Case Study of Linux
Computer System Architecture
Software Engineering
Lab-I : Programming in C++
Lab-II : Programming in SQL/PL-SQL
Lab-III : Programming in Linux
Personality Development / Mock Interviews
Programming in Python
JAVA Programming
Data Structure and Algorithms
Elective – I Theory of Computations
Elective – I Advanced Computer Architecture
Elective – I Computer Graphics
Elective – II Data Ware Housing And Mining
Elective – II Internet of Things
Elective – II Mobile Computing
Lab-IV : Programming in Python
Lab-V : Programming in JAVA
Lab-VI : Programming Based on MCA203
Group Discussion
Net Technology
Computer Network & Data Communication
Artificial Intelligence
Elective – III Compiler Design
Elective – III Cyber Security
Elective – III Digital Image Processing

Elective – IV Big Data Analytics
Elective – IV Cloud Computing
Elective – IV Soft Computing
Programming Lab
Programming Practice / Mini-Project
Common Software / Mini-Project
Seminar
Advanced Programming Tools
Advanced Computer Architecture
Wireless & Mobile Communication
Open Source Software with Case Study of Linux
Elective 1. Data Warehousing and Mining
Elective 2. Theory of Computation
Elective 3. Analysis and Design of Algorithms
Programming Lab
Programming Practice / Mini-Project
Common Software / Mini-Project
Group Discussions
Net Technology
Cyber Security
Artificial Intelligence & Expert Systems
Elective 1. Soft Computing
Elective 2. Digital Image Processing
Elective 3. Management Information System
Elective 4. Advanced Mobile Communications
Elective 1. Big Data Analytics
Elective 2. Compiler Design
Elective 3. Cloud Computing and Internet of Things
Elective 4. Machine Learning and Robotics
Programming Lab
Programming Practice / Mini-Project
Common Software/Mini-Project
Seminar
System Development Project (System Design & Implementation)
M.Sc.- IT
Object Oriented Programming with C++
RDBMS and SQL
Mathematical Foundations of Computer Science
Computer System Architecture
Internet and Web Technology
Programming Lab C++
RDBMS & SQL Lab
NET Technology
Data Structures

Computer Networks & Data Communication
Operating System (with Linux as case Study)
AI & Expert Systems
Programming Lab – Based on 201
Programming Practice - Based on 202
Common Software - Based on 203/204
Personality Development / Group Discussion
Java Programming Language
Python Programming Language
Software Engineering
Elective 1. Advanced Computer Architecture
Elective 2. Data Mining & Warehousing
Elective 3. Cloud Computing
Elective 4. Digital Image Processing
Elective 1. Mobile Communication
Elective 2. Theory of Computations
Elective 3. Internet of Things
Elective 4. Analysis and Design of Algorithms
Programming Lab - Based on 301
Programming Practice - Based on 302
Common Software/Mini-Project
Managerial Skills / Seminar
Cyber Security
Soft Computing
Big Data Analytics
Project Based Seminar
Major Project
M.A.- Economics
Quantitative Methods
Industrial Economics
Micro Economic
Macro Economics
Research Methods and Computer Application
Labour Economics
Economics of Growth – I
Public Finance - III
Environmental Economics - IV
Demography – V
Economics of Development & Planning - I
Public Eco. - III
Eco. of Social Sector & Environment - IV
CBCS
II Sem- Basic Economic Concept
III Sem - Indian Economy

M.Phil.- Economics
Research methodology
Advanced Economic Theory
Ph.D.- Economics
Methodological Aspects of Economic Research
Project work
Certificate course in Econometrics - Fundamentls of Econometrics and Mathematical Economics
Certificate course in GST - Fundamentls of GST
M.Sc.- Master of Science in Electronics
Analog Integrated Electronics and Physics of Electronic Materials
Digital Design and Applications
Signals, Mathematical and Computational Methods in Electronics
Optical, Quantum and Organic Electronics
Lab course A: Analog Electronics
Lab course B: Digital electronics
Network Analysis and Synthesis
Microprocessor and C++ Programming
Analog and Digital Communication Systems
Electromagnetic Plane wave, Transmission lines and Microwave Devices
Lab course C: Analog and Digital Communication Lab
Lab course D: –8085 Microprocessor Programming, Study Cards and Interfacing Lab
Advanced Microprocessor and Interfacing
Data Communication, Mobile and Wireless Communication
Photonics/Instrumentation and Measurement
Power Electronics, Information Theory and Coding
Lab course E: Optical Electronics, Transducer and Instrumentation Lab
Lab course F: 8086 Microprocessor Programming, Interfacing and "C++" Programming Lab
Digital Signal Processing
Optical and Satellite Communication
Automatic Control System and Artificial Neural Network
Embedded System and Microcontroller
Lab course G: Optical Communication and 8051 Programming Lab
Project & Seminar
M.Tech.- Optoelectronics & Laser Technology
Modern Optics
Laser Technology
Optoelectronics
Optical Communication
Seminar
Comprehensive Viva voce
Photonics Lab-I
Quantum Optics (Elective)
Physics of Advanced Materials

Fiber Optics & Laser Instrumentation and Solar Photovoltaic Technologies
Optical Networks
Advance Optical Communication
Seminar
Comprehensive Viva voce
Photonics Lab-II
Photonics Materials and Devices (Elective)
Major Project Phase - I
Major Project Phase - II
Comprehensive Viva voce
Ph.D. in Electronics
Research Methodology, Quantitative Methods & Computer Applications
Review of Literature in Concerned Subject, Seminar/Project Report
CBCS
Basics of Electronics
Fundamentals of Biomedical Equipments
M.Sc.- Environmental Science
Instruentation Techniques: Principle and Application
Analytical Methods in Environmental Sciences
Renewable, Non-renewable and Perpetual Resources
Lab Course - I
Lab Course - II
Meteorology and Climatology
Environmental Pollution and Control: Air and Water
Environmental Pollution and Control: Soil, Solid Waste and Radiation and Noise
Environmental Geosciences
Lab Course - III
Lab Course - IV
Environmental Toxicology
Environmental Microbiology
Environmental Biotechnology
Data Analysis in Environmental Sciences
Lab Course - V
Lab Course - VI
Remote Sensing and Geographical Information System (GIS)
Environmental Disaster and Risk
Environmental Impact Assessment, Environmental Audit and Environmental Management System Standards (EIA, EA and EMSS)
Environmental Law, Policies and Society
Dissertation
Seminar based on Dissertation
M.A./M.Sc.- Geography
Geomorphology – I
Climatology - II

Geographical Thought - III
Practical-I: Adanced Cartography -V
Economic and Natural Resource Manage- VI
Regional Develop and Planning -VIII
Social Geography – IX
Practical-II: Map Projections, Interpretation and Surveying -X
Population Geography – XI
Settlement Geography - XII
Remote Sensing Tech.-XIII
Biogeography and Ecosystem -XIII
Research Methodology – XIV
Practical-III: Remote Sensing and Quantitative Techniques - XV
Geography of Health - XVI
Agricultural Geography – XVII
Geographical Information System- XVIII
Environmental Geography - XVIII
Field Work (Physical Socio-Economics- XIX
Practical-IV: Geographical Information system and Quantitative Techniques-XX
M.Phil.- Geography
Theory : Research Methodology and Computer Application in Geography - I
Theory : Modern Concepts and Approaches in Geography - II
Lab Course : Cartographic and Quantitative Techniques, Remote Sensing & GIS - III
Ph.D.- Geography
Research Methodology, Computer Fundamentals, Statistical tools and techniques in Geography - I
CBCS
Physical Geography
Regional Geography of India with special reference to Chhattisgarh
M.Sc.- Geology
Course - I Structural Geology
Course - II Mineralogy
Course - III Geochemistry
Course - IV Crystallography and Crystal Optics
Lab Course-I Structural Geology & Survey
Lab Course-II Crystallography, Crystal Optics, Mineralogy, Geochemistry
Course – I Igneous Petrology
Course – II Metamorphic Petrology
Course – III Sedimentology and Crustal Evolution
Course – IV Stratigraphic Principles and Indian Geology
Lab Course-I Petrology and Stratigraphy
Lab Course-II Fieldwork
Course - I Palaeontology
Course - II Ore and Fuel Geology
Course - III Geomorphology and Remote Sensing

Course - IV Mineral Exploration
Lab Course-I Ore Geology and Mineral Exploration
Lab Course-II Palaeontology, Geomorphology and Remote Sensing
Course - I Mining and Engineering Geology
Course - II Environmental Geology
Course - III Hydrogeology
Lab Course-I Hydrogeology, Engineering Geology and Mining Geology
Course-ME-I Advanced Hydrogeology
Lab Course-ME-I Advanced Hydrogeology
Course-ME-II Project Oriented Dissertation, Script Evaluation and Viva Voce on Project Dissertation
Ph.D.- Geology
Paper-I Research Methodology, Quantative Methods and Computer applications (PhD Course Work)
Paper-II Review of Literature concerning the topic of research an Seminar/Project Report (PhD Course Work)
CBCS
Fundamentals of Geology
Disaster Management
M.A.- History
Ancient and Medieval Chhattisgarh (Compulsory)
Historigraphy (Compulsory)
Contemporary world 1920-2000 A.D. (Compulsory)
Modern Chhattisgarh (Compulsory)
First - Indian polity and economy in the Sultanate period (1200-1526 A.D.)
Second - Society and Culture in the Sultanate Period (1200-1526 A.D.)
Tourism Theory (Optional-IV)
Central and Provincial Administrative System of India (Optional-III)
Tourism Theory and Principles In Reference of History (Optional-IV)
CBCS
Art And Culture of Chhattisgarh
B.A. L.L.B.
English I - General English
Sociology
History
Legal History (1600-1887)
English II
Economics
Political Science I
Political Science II (Major)
Hisory II (Minor)
Economics II (Minor)
Contract I
Political Science III (Major)
Sociology II Imajor)

Political Science IV (Major)
Contract II
Jurisprudence and Legal Theory
Law of Torts including Motor Vehicle Act
Law of Crimes I (IPC)
Law of Crimes II (Cr.P.C.)
Law of Evidence
Constitutional Law I
Constitutional Law II
Environmen tal Law
Fimily Law I (Hindu Law)
Family Law II (Muslim Law)
Administrative Law
Law of Equity and Indian Trust Act 1882
Practicle Professional Ethics
Labour and Industrial Law I
Labour and Industrial Law II
Human Rights and PIL
Insurance Law
Practicle (ADR)
C.G. Land Revieue Code and Other Local Law
Intellectual Property Law
Company Law
Law of Taxation
Practicle Moot Court
Transfer of Property Act
Civil Procedure Code
Interpretation of Statutes
Criminology and Penology
Practical (Drafting, Pleading and Conveyancing)
L.L.M.
Legal and Constitutional History
Constitutional Law New Challenges I
Constitutional Law New Challenges II
Research Methodology
Jurisprudence and Legal Theory
Interpretation of Statutues and Theory
Indian Administrative Law
Human Rights and Environmental Development
Dissertation
Viva Voce
Ph.D.- Law
Research Methodology
CBCS

General Law
Constitutional Law of India
B.Lib. & I.Sc.
Library Organization and Management
Library Cataloguing and Bibliography
Reference sources and Services
Documentation and Information Services
Computer Application in Libraries
Library Classification (Theory)
Library Classification (Practice)
Library cataloguing (Practice)
M.Lib. & I.Sc.
Foundation of Information Science
Knowledge Organisation & Information Processing
Research Methods & Statistical Techniques
Management of Library & Information Centres/Institution
Information Processing and Retrieval (Practice-I)
Information Retrieval
Information Sources, Products and Services
Information Technology: Basics & Applications
Management Information Systems.
Information Processing & Retrieval (Practice – II)
Ph.D.- Library Science
Research Methodology
ICT and Computer Literacy
M.Sc.- Bioscience
Instrumentation and Techniques
Biometry, Computer and Scientometry
Ecology and Environmental Biology
Plant Biotechnology
Parasitology/Basic Chronobiology/Ethnobotany
Immunology/ Applied chronobiology/Secondary Metabolites
Lab Courses
M.Sc.- Biochemistry
Instrumentation and Molecular Techniques
Biometry Computer and Scientometry
Nutritional and Environmental Biochemistry - III
Plant Biotechnology - I
Seed Science Tech. - II
Clinical Biochemistry and Endocrinology- III (Spl. Paper- A)
Nutraceuticals and Functional Foods- III (Spl. Paper- B)
Adv. Immunology, Diagnostics and Prophylaxis – IV (Spl. Paper- A)
M.Sc.- Microbiology
Instrumentation and Molecular Techniques

Biometry Computer and Scientometry
Fermentation Technology - II
Environmental Microbiology - III
Medical Microbiology - IV (I)
Advance Immunology diagnostics and Prophylaxis-II
Food Microbiology - III (Spl. Paper- A)
Microbial Ecology- III (Spl. Paper- B)
Agricultural Microbiology – IV (Spl. Paper- A)
Industrial Microbiology- IV (Spl. Paper- B)
Lab Courses
Ph.D.- Bioscience
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Biochemistry
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Microbiology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Botany
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Zoology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
CBCS
Environmental Toxicology
Economic Zoology
Vector Borne Diseases
Rhythms in Life
M.A.- Linguistics
Functionality Functionality of Language
Phonetics and Phonemics-I
Morphology-I
Semantics
Stylistics
Phonetics and Phonemics-II
Morphology-II
Syntax
Language and Society

Psycholinguistics and Second Language Teaching
Field- Method
Translation
Communicative Hindi
Communicative English (A)
Chhattisgarhi (B)
Discourse- Analysis
M.A.- English
Poetry I
Drama I
Prose I
Fiction - I
Language Management And Communication Skills I
Poetry II
Drama II
Prose II
Fiction II
Language Management and Communication Skill - II
Critical Theory - I
(A) Linguistics - I
(B) English Language Teaching
(A) New Literatures In English - I
(B) Research Methodology And Computer Application - I
Critical Theory - II
Indian Writing In English - II
(A) Linguistics - II
(B) English Language Teaching
(A) New Literatures in English - II
(B) Research Methodology And Computer Application - II
M.A.- Hindi
Aadikaal Evam Purva Madhyakaal
Prachin Evam Madhyakalin Kavya
Chhayawad Evam Purvavarti Kavya
Natak, Ekanki, Evam Paritatmak Kriti
Uttar Madhyakaal Evam Aadhunik Kaal
Madhyakalin Kavya
Prayogwadi Evam Prgativadi Kavya
Upanyas Nibandh Evam Kahani
Sahitya Ke Siddhant Tatha Aalochana Shashtra
Bhasha Vigyan
Kamkaji Hindi Evam Patrakarita
Bhartiya Sahitya
Hindi Aalochana Evam Samiksha Shashtra
Hindi Bhasha

Media Lekhan Evam Anuvad
Janpadiya Bhasha Aur Sahitya (Chhattisgarhi)
M.A.- Chhattisgarhi
Chhattisgarhi Ke Bhautik Au Etihasik Prishtbhumi
Chhattisgarhi Ke Dhvani Sanrachna
Chhattisgarhi Ke Vyakaran
Chhattisgarhi Sahitya Ke Ithias
Chhattisgarhi Ke Lok Kala Aau Sanskriti
Chhattisgarhi Lok Sahitya
Chhattisgarhi Kavya
Chhattisgarhi Arth - Mimansa
Chhattisgarhi Ke Shabd - Sanrachna
Chhattisgarhi Ke Bhasha Bhugol
Prayojan Mulak Chhattisgarhi
Rajbhasha Chhattisgarhi
Chhattisgarhi Ke Vakya - Sanrachna
Chhattisgarhi Aau Anuvad
Chhattisgarhi Ke Teej Tihar Aau Parampara
Prayogik Prashikshan Aau Aantrik Mulyankan
Certificate in Translations
Theory of Translation
Practice of Translation
M.Phil.- Linguistics
Research Methodology
Grammar Theoretical & Practical
Language Teaching Methods Semester- II
Seminar -Based on Theory
Dissertation – Based on Dissertation
Script Writing
Viva Voice
M.Phil.- Hindi
Saddhantik -1 Anusandhan Ki Pravidhi Aur Prakriya
Saiddhantik -2 Hindi Sahitya Ki Vaicharik Prishtbhumi
Sodh Karya
Script Writing
Laghu Sodh Prabandh Par Adahrit Seminar
Maukhiki
M.Phil.- English
1. Research Methodology
2. Contemporary Literary Criticism
3. Colonial & Post- Colonial Studies
4. Seminar Based On Theory Papers (1,2,3)
5. Dissertation- Script Writing
Seminar On Dissertation

Viva
Ph.D.- Linguistics
Research Methodology & Computer Fundamentals
Review of Literature & Seminar
Ph.D.- English
Research Methodology & Computer Application
Dissertation, Project, Script
Ph.D.- Hindi
Anusandhan Ki Pravidhi Prakriya Aur Computer Ka Anuprayog
Samandhit Sahitya Ka Punarvlokan Seminar Evam Project Karya
D. Litt. Linguistics
D. Litt. Hindi
Master of Business Administration
Organisational Behavior
Quantitative Methods
Managerial Economics
Accounting for Managers
Information Technology with computer Lab
Environment and Management
Business Legislations
Industry Based Project - I
Managerial Communication
Management Science
Human Rtesource Management
Financial Management
Marketing Management
Production Management
Research Methodology
Business Ethics & Indian Ethos
Industry Based Project - II
Organisational Effectiveness and Change
Management Information System
Marketing Research & Consumer Behaviouir
Sales & Advertising Management
Industrial & Service Marketing
Security Analysis and PortfolioManagement
Management of Financial Services
Human Resource Development
Legal Framework of HRM
System Analysis & Design
RDBMS & SQL Concepts
Training Report and Viva
Strategic Management
Retailing Management

Corporate Social Responsibility
International Marketing
Project Planning, Analysis & Management
Compensation Management
Management of Industrial Relations
Business Process Re-Engineering & ERP
Fundamentals of Computer Architecture
Ph.D.- Management
Research Methodology
Review of Literature and Seminar
CBCS
Management Concepts and Process
Managerial Communication
M.Sc./M.A.- Mathematics
Advanced Abstract Algebra - I
Real Analysis - I
Topology-I
Advanced Complex Analysis - I
Advanced Discrete Mathematics - I
Advanced Abstract Algebra - II
Real Analysis - II
General and Algebraic Topology - II
Advance Complex Analysis (II)
Advanced Discrete Mathematics II
Integration Theory and Functional Analysis - I
Partial Differential Equations & Mechanics - II
Fundamentals of Computer Sc. - III (Opt.- A)
Fuzzy set and their application - III (Opt. – C)
Mathematical Biology (I) - III (Opt. - D)
Operations Research (I) - IV (Opt. - A)
Wavelets (I) - IV (Opt. - B)
Programming in - C (With ANSI features) - I - V (Opt. - A)
Graph Theory - I - V (Opt.- B)
Functional Analysis (II) - I
Partial Differential Equations and Mech. (II) - II
Operating System and Database Manag. System (II) - III (A)
Fuzzy Sets and their application - II (Opt. - B)
Mathematics Bilogy (C)
Operations Research (II) - IV (Opt. - A)
Wavelets (II) - IV (Opt. - B)
Programming in "C" (with ANSI feature) (II) - V (Opt. - A)
Graph Theory (II) - V (Opt. - B)
M.Phil.- Mathematics
Nonlinear Functional Analysis

Cryptography
Research Methodology
Dissertation
Ph.D.- Mathematics
Course work (Research Methodology , Latex, MATLAB)
Review of Literature & Seminar
CBCS
Elementary Mathematics for Finance and Economics
Elementary Mathematics for Social Sciences
Bachelor of Pharmacy
Pharmaceutical Analysis I – Theory
Pharmaceutics I – Theory
Communication skills – Theory *
Remedial Biology – Theory*
Remedial Mathematics – Theory*
Human Anatomy and Physiology –Practical
Pharmaceutical Analysis I – Practical
Pharmaceutics I – Practical
Pharmaceutical Inorganic Chemistry –Practical
Communication skills – Practical*
Remedial Biology – Practical*
Human Anatomy and Physiology II – Theory
Pharmaceutical Organic Chemistry I – Theory
Computer Applications in Pharmacy – Theory *
Environmental sciences – Theory *
Human Anatomy and Physiology II –Practical
Pharmaceutical Organic Chemistry I– Practical
Biochemistry – Practical
Computer Applications in Pharmacy – Practical*
Pharmaceutical Organic Chemistry II – Theory
Physical Pharmaceutics I – Theory
Pharmaceutical Microbiology – Theory
Pharmaceutical Engineering – Theory
Pharmaceutical Organic Chemistry II – Practical
Physical Pharmaceutics I – Practical
Pharmaceutical Microbiology – Practical
Pharmaceutical Engineering –Practical
Medicinal Chemistry I – Practical
Physical Pharmaceutics II – Practical
Pharmacology I – Practical
Pharmacognosy and Phytochemistry I – Practical
Medicinal Chemistry II – Theory
Industrial PharmacyI– Theory
Industrial Pharmacy I – Practical

Pharmacology II – Practical
Pharmacognosy and Phytochemistry II –Practical
Herbal Drug Technology – Theory
Medicinal chemistry III – Practical
Pharmacology III – Practical
Herbal Drug Technology – Practical
Instrumental Methods of Analysis – Theory
Pharmacy Practice – Theory
Instrumental Methods of Analysis – Practical
Practice School
Biostatistics and Research Methodology
Social and Preventive Pharmacy
Pharma Marketing Management
Pharmaceutical Regulatory Science
Pharmacovigilance
Quality Control and Standardization of Herbals
Advanced Instrumentation Techniques
Dietary Supplements and Nutraceuticals
Project Work
Master of Pharmacy
Modern Pharmaceutical Analytical Techniques
Regulatory Affair
Pharmaceutics Practical I
Seminar/Assignment
Pharmaceutics Practical II
Seminar/Assignment
Research Methodology and Biostatistics*
Journal club
Discussion / Presentation (Proposal Presentation)
Research Work
Journal Club
Research Work
Discussion/Final Presentation
Ph.D.- Pharmacy
Course work and Research Methodology
CBCS
Drug Standardization of natural origin
Intellectuals and property rights
Cosmetic technology
Bachelor of Physical Education
Health Education and Environmental Studies
Officiating and Coaching (Elective)
Track & Field (Running events)
Indigenous Sports: Kabaddi

Mass Demonstration
Yoga Education
Education Technology And Methods Of Teaching In Physical Education
Organization and Administration
Sports Nutrition and Weight Management (Elective)
Track & Field (Jumping events)
Yoga/Aerobics
Racket Sports: Badminton/Table Tennis
Teaching Practice (Classroom And Outdoor)
Sports Training
Computer Applications In Physical Education
Sports Psychology and Sociology
Sports Medicine, Physiotherapy and Rehabilitation
Track & Field (Throwing events)
Combative Sports : Martial Art, Judo
Team Games : Cricket, Volleyball
Teaching Practice (Teaching Lesson Plans For Racket Sports /Team Games/Indigenous Sports)
Measurement and Evaluation in Physical Education
Research and Statistics in Physical Education
Sports Management (Elective)
Gymnastics
Football/Hockey
Sports Specialization: Coaching Lessons Plans, Track And Field
Game Specialization Coaching Lessons:Kabaddi/kho-kho/Baseball/Cricket/Football/Hockey/Softball/Volleyball/Handball/Basketball/Netball/Badminton/Table-Tennis/Squash/Tennis (Any of one out of these)
Master of Physical Education
Professional Preparation and Curriculum Designs - I
Test Measurements and Evaluation in Physical Education - II
Exercise Physiology - III
Management of Physical Education – IV
Training Method
Bio-Mechanics
Research Process
Statistics and Computer
Scientific Coaching Methods - I
Sports Psychology - II
Sports Medicine - III
Specialization Theory - IV (Table Tennis)
Specialization Theory - IV (Khokho)
Specialization Theory - IV (Handball)
Specialization Theory - IV (Volley Ball)
Specialization Theory - IV (Archery)
Specialization Theory - IV (Football)

Specialization Theory - IV (Cricket)
Specialization Theory - IV (Badminton)
Specialization Theory - IV (Hockey)
Specialization Theory - IV (Boxing)
Specialization Theory - IV (Judo)
Specialization Theory - IV (Basketball)
Specialization Theory - IV (Kabbadi)
Specialization Theory - IV (Athletics)
Specialization Theory - IV (Gymnastics)
Specialization Theory - IV (Wrestling)
Specialization Theory - IV (Yoga)
Specialization Theory - IV (Netball)
Specialization Theory - IV (Lawn Tennis)
Specialization Theory - IV (Taiquando)
Specialization Theory - IV (Swimming)
Specialization Theory - IV (Baseball)
Specialization Theory - IV (Karate)
Specialization Theory - IV (Weight Lifting)
Specialization Theory - IV (Soft ball)
Specialization Theory - IV (Ball Badminton)
Health Education – I
Psychology of Coaching and Counselling - II
Sports Physiotherapy -III
Foundation of Physical. Education and Current trends - IV
CBCS
Physical Education, Heallth
Yoga Education
Ph.D.- Physical Education
Research Process,Stastics and Computer Application
Review of Litrature, Seminar, Project Work
M.Sc.- Physics
General & Optics
Electronics
Electronic & Photonic Devices and Optical Modulators
Computational Physics & Computer Programming
Numerical Analysis & Computer Programming
Digital Electronics & Microprocessor
Lab Course - Materials Science & General
Lab Course - Astronomy & Astrophysics
Lab Course - Electronics (Communication)
Lab Course - Physics of Nano-material
Lab Course - Space Physics
Electronics (Communication-II)
Project Work

Ph.D.- Physics
Research Methodology, Quantitative Methods & Computer Applications
Review of Literature in Concerned Subject, Seminar/ Project Report
M.A.- Psychology
Basic Psychology Process - I
Social Psychology
Basic Research Methodology
Psychopathology
Basic Psychology Process – II
Group Processes and Cultural Psychology
Advanced Research Methodology
Physical Psychology & Health Behaviour
Personality and Indigenous Psy. – XI
Psy. Arsessonent - XII
Organizational Behaviour - XIII
Human Resource Development and Management - XIV
Education and Instructional Psy.
Basic of Psychological Guidance and Counselling - XIV
Clinical Diagnosis -I - XIII
Psychotherapeutic Counselling – XIV
Life Span Development - XVI
Psychological Assessment - II - XVII
Psychology of Management - II - XVIII
Human Resource Develop. and Management - II – XIX
Education and Instructional Psychology - II - XVIII
Basic of Psychological Guidance and Counselling - II – XIX
Clinical Diagnosis and Community mental Health - XVIII
Psychotherapeutic Counselling - XIX
Practicum (Field Work)
CBCS
Psychology of Everyday lives
Mental Health: Prevention and promotion
P.G. Diploma in Guidance and Counselling
Psychological guidance
Counselling theories and Techniques
Field Exploration (Internship Programme)
Lab Practical
P.G. Diploma in Rehabilitation Counselling
Disability and Rehabilitation
Psychosocial Issues in Disability
Rehabilitation Assessment and counseling
Community Based Rehabilitation
Rehabilitation Interventions and viva voce
P.G. Diploma in Rehabilitation Psychologist

Lab Practical/Internship
M.Phil.- Psychology
Research Methods and Advanced Statistics
Clinical Psychology Group - A
Educational Psychology Group - B
Organizational Behaviour Group - C
Paper – III Lab Course
Ph.D.- Psychology
Ph.D. Course Work
M.A.- Rural Development
Rural Development Planning and Management
Rural Development programme and evaluation
Rural social problem
Panchayati Raj and rural Administration
Urban Planning
Rural Economy and Industrialization
Rural Health Care
Scientific Research methdology in Rural Development
Tribal Development
Communication and Extension in Rural Development
Rural Social development
Voluntary action in rural development
Land Reforms and Rural Development
Project Report based on field work
Entrepreneurship and rural development
Natural Resources and Sustainable Development
Resources and livelihood management
Internship
P.G. Diploma in Regional Planning and Development
Regional Planning and Development
Research Methods and Computer Application
Tribal Development
Field based minor project on urban planning
Research and development based regional needs
Rural Marketing and finance
Dissertation/Field Report
Ph.D.- Regional Studies
Research Methodology & Fundamental of Computer
Project based on review of Research work
CBCS
Applied Research Methodology
Corporate Social Responsibility
M.A.- Sociology
Rural Sociology

Practical-I
Classical Sociological Thinkers
Quantitative Research Techniques in Sociology
Sociology of Development
Practical-II
Classical Sociological Theories
Criminology
Modern Sociological Theories
Comparative Sociology
Contemporary Issues in Industry
Criminology- Correctional Administration
Project Report
Master of Social Work
Population and Environment
Working with Groups/Group Work
Social Work Research - Qualitative Method
Human Growth and Development
Political Economy of Development
Process and Evolution of Group Formation
Social Work Research Quantitative Method
Social Work Practicum
Social work Personal Training and Development
Family Social Work
Integrated Social Work Practice
Research Project with Block Placement and Field Work Report
CBCS
Indian Village
Basic Concept of Socilogy
M.Phil.- Sociology
Gender and Society
Contemporary Indian Social Problems
Research Methodology: Quantitative Techniques,Computers
Ph.D.- Sociology
Methodological aspect of Sociological Research (Ph.D Course Work)
M.A./M.Sc.- Statistics
Statistical Methods
Applied Statistics
Statistical Computing
Statistical Quality Control
Design of Experiment
Elective A- Reliability and Life Testing
Elective B- Demography
Elective C- Econometrics
Lab Courses

Project work
CBCS
Basic Statistics - I
Basic Statistics - II
Ph.D.- Statistics
Research Methodology - Course Work
Review of Litterature/ Seminar/ Project Report - Course Work
Bachelor of Education
Pedagogy of Mathematics
Pedagogy of Biological Science
Pedagogy of Physical Science
Pedagogy of Social Science
Pedagogy of Language (English)
Pedagogy of Language (Hindi)
Preparation of Teaching Aids
Community Activities
Sociological Perspectives of Education
Learner and Learning Process
Art Education
Educational and Mental Measurement
Educational Technology and Management
Educational Administration and Management
Curriculum and Knowledge
School Internship (2 weeks)
Pedagogy of Mathematics
Pedagogy of Biological Science
Pedagogy of Physical Science
Pedagogy of Social Science
Pedagogy of Language (English)
Pedagogy of Language (Hindi)
Nai Talim : Skill Based learning
School Internship (18 weeks)
Reflective Diary
Gender, School and Society
Assessment in Learning
Computer Education
Inclusive Education
Teaching of Values
Psycho - Metric Assessment
Viva Voce on Teaching Experience
Master of Education
Teacher Education
Strengthening Language Proficiency
Exploring Liberary Resources

Introduction of Research Methodology in Education
Psychological Perspective of Education
Educational Guidance and Counselling
Education for the differently abled
Proposal of Dissertation
Internship, School Based Activities
Education Administration
Gender Perspectives in Education
Psycho-Metric Assessment
Curriculum Development
Educational Guidance and Counselling
Education for the differently abled
Academic Writing
Dissertation
Viva Voce on Dissertion
Certificate Course in Community based Participatory Research (CBPR)
Project Work
Certificate Course in Women Law & Gender Justice
Women Law & Gender Justice
Project Work
Bachelor of Vocation in Renewable Energy Technology and Management
Energy Sources and Energy Scenario
Applied Physics
Rooftop Solar PV Power Plant Installation- I
Rooftop Solar PV Power Plant Installation- II
Wind Energy
Wind Turbine Generator
Laboratory I (Electronics Lab)
Laboratory II (Photovoltaic Lab)
Environmental Sciences
Industrial Electronics and Instrumentation
Biomass Mass Power Generation Systems
Report Writing
Waste to Energy Conversion Systems
Design of Solar PV Power Plant – I
Design of Solar PV Power Plant – II
Installation and Commissioning of Solar PV Power Plant
Laboratory III (Computer lab)
Laboratory IV (Renewable Energy lab)
Innovations in Science
Applied Mathematics
Mechanics & Thermodynamics for Energy Application
Electrical Systems
Solar PV Power Plant and Components

Programming C++/Java
Solar Water Pumping System
Evaluation and Monitoring for Wind Power Plant
Laboratory V (Digital Electronics)
Laboratory VI (Renewable Energy lab)
Energy Management, Auditing and Utilization
Power Electronics
Control and Embedded Systems
Material Science for Energy Applications
Solar Thermal Technologies
Concentrating Solar Thermal Systems
Engineering Drawing
Solar Thermal Systems
Workshop Practices I/Minor Project
Solar Business Solutions
Health and Safety Practices at Project Site
Energy in Buildings
Energy Modeling & Project Management
Energy Efficiency in Electrical Utilities
Hydrogen Energy and Fuel Cells
Smart and Micro-Grid
Energy Efficiency in Thermal Utilities
Workshop Practices II
Industrial Training
Major Project
M.Sc.- Integrated
Computer Basics
Communication Skills
Creative Hindi
Biology Laboratory
Chemistry Laboratory
Physics Laboratory
Computer Laboratory
Communication Skills (Lab)
Electronics and Instrumentation
Environmental Studies
Biology Laboratory
Chemistry Laboratory
Physics Laboratory
Electronics Laboratory
Prayojan Mulak Hindi
Essential Mathematics for Chemistry & Biology
Computational Laboratory and Numerical Methods
Earth Sciences and energy and environmental Sciences

	Introductory Spectroscopy
	Analytical Chemistry
	Communication Skills Lab
	Applied Electronics Laboratory
	Ethics of Science and IPR
	Statistical techniques and Applications
	Scientific Writing
	Ethics of Science and IPR
	Numerical Analysis
	Numerical Methods Laboratory
	Ethics of Science and IPR
	Numerical Methods Laboratory
	Biology Laboratory
	Imaging Tachnology in Biological Research
	Reading Project
	Advanced Biology Laboratory
	Project
	Chemistry Laboratory
	Project
	Physics Laboratory III
	Applied Electronics Laboratory
	Advanced Physics Laboratory
Regional	**M.A.- Ancient Indian History, Culture & Archaeology**
	Survey and Field Work
	Historiography, Concept and Methods
	Political and Cultural History of Chhattisgarh Part--I
	Political and Cultural History of Chhattisgarh Part-II
	Survey and Field Work
	M.A./ M.Sc.- Anthropology
	Research Methods in Anthropology
	Lab Course I: Practicals in Craniology and Craniometry
	Lab Course II: Practicals in Osteology and Osteometry
	Lab Course I: Practicals in Archaeology
	Lab Course II: Compulsory Field Work
	Applied Anthropology (Group- A & B)
	Advanced Human Biology
	Human Growth & Nutrition
	Human Molecular Genetics
	Lab Course I: Practicals in Applied Biological Anthropology
	Lab Course II: Practicals in Human Growth, Nutrition and Physiology
	Theory Methods in Social –Cultural Anthropology
	Tribal Development
	Lab Course I: Practicals in Museology
	Lab Course II: Ethno-Museological Fieldwork Based Report and Seminar

Dissertations (external)
Presentations/Viva-Voce
Disaster Management, Displacement & Rehabilitation
Dissertations (external)
Presentations/Viva-Voce
M.Phil.- Anthropology
Reserch Methodology, Quantitative Techniques and Computer Application
Advance Anthropology
Dissertation Report
Dissertation Based Presentation
Theory Based Seminar
Practicals in Applied Anthroplogy
Ph.D.- Anthropology
Research Methodology and Computer Applications
Review of Concerned Litrature, Seminar and Project Work
P.G. Diploma in Forensic Science
Fundamentals of Forensic Science and Physical Evidance
Fundamentals of Criminology
Lab Course -I
Toxilogy. Forensic Chmistry and Forensic Biology
Fundamentals of Police Science
Lab Course -II
M.Sc.- Biotechnology
Biostatistics, Bioinformatics & Computers in Biotechnology
Plant Biotechnology
Bioprocess Engineering & Technology
Environmental Biotechnology
IPR, Biosafety, Bioethics and Nanobiotechnology
Advanced Techniques in Biotechnology
Lab Courses
Project Work
M.Phil.- Biotechnology
Research Methodology
Applied Biotechnology
Lab Course (Based on Theory paper 1,2)
Dissertation
Ph.D.- Biotechnology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
CBCS
Basic Biotechnology
Applied Biotechnology
M.Sc.- Chemistry

Theory and applications of spectroscopy-I
Theory and Applications of spectroscopy-II
Analytical techniques and data analysis
Lab Course - V
Lab Course - VI
Instrumental methods of Analysis
Natural products and medicinal chemistry
Material and nuclear chemistry
Environmental & applied chemical Analysis
Medicinal chemistry
Chemistry of surfactants
Chemistry and application of pesticides
Chemistry of natural products
Polymers
Forensic chemistry
Lab courses
Project Work
Seminar based on above project work
Ph.D.-Chemistry [Course Work]
Research methodology
Literature search technique
Instrumentation techniques
Sampling & modeling
Statistical analysis
Project based on review of Research work
Seminar
M.Phil.- Chemistry
Research Methodology in Chemistry
Medicinal and Physical Organic Chemistry
Advanced Environmental Chemistry
Chemistry of Nanomaterials
Based on Theory
Seminar based on Dissertation
Script Writing
Viva-voce
P.G. Diploma Yoga Education & Philosophy
Theoritical Yoga Vijan
Applied Yoga Vijnan
Practice Teaching (Indoor) & Practice Teaching (Outdoor/ Internship)
Practical
Practical Record & Viva- Voce
Yoga Philosophy
Hatha Yoga
Practice Teaching (Indoor) & Practice Teaching (Outdoor/ Internship)

Practical
Practical Record & Viva- Voce
M.A.- Applied Philosophy & Yoga
Yoga ke Adharbhoot Tatva - Pratham
Yoga ki Darshnik Prishthabhumi - Dwitiya
Hath Yoga Siddhant Avam Sadhana - Tritiya
Practices Exam & Internship - Chaturth
Chetna ka Adhyan - Pratham
Patanjal Yoga Sutra - Dwitiya
Yoga Avam Swastha - Tritiya
Practices Exam & Internship - Chaturth
Shrimadbhagwad Geeta Darshan Avam Yoga Sadhna ke Tatva - Pratham
Asan Aur Pranayam ka Vaigyanic Adhyan - Dwitiya
Yogic Aahar Avam Poshan - Tritiya
Practices Exam & Internship - Chaturth
Yoga-Upachar - Pratham
Sharir Avam Sharir Kriya- Vigyan - Dwitiya
Dissertation & Enternship / Educational Tour - Tritiya
Practices Exam & Internship - Chaturth
M.Phil.- Comparative Religion and Applied Philosophy
Resarch Methodology
Comparative Study of Religions
Yogic Skil Development
Ph.D.- Comparative Religion and Applied Philosophy
Research Methodology
Review/ Project Work & Seminar
CBCS
Introduction to Philosophy & Yoga - Part -1
Yog ka Vaigyanik Paksha avam Swastha
Master of Computer Applications
Object Oriened Programming With 'C++'
Relational Database Management Systems
Operating System with Case Study of Linux
Computer System Architecture
Software Engineering
Lab-I : Programming in C++
Lab-II : Programming in SQL/PL-SQL
Lab-III : Programming in Linux
Personality Development / Mock Interviews
Programming in Python
JAVA Programming
Data Structure and Algorithms
Elective – I Theory of Computations
Elective – I Advanced Computer Architecture

Elective – I Computer Graphics
Elective – II Data Ware Housing And Mining
Elective – II Internet of Things
Elective – II Mobile Computing
Lab-IV : Programming in Python
Lab-V : Programming in JAVA
Lab-VI : Programming Based on MCA203
Group Discussion
Net Technology
Computer Network & Data Communication
Artificial Intelligence
Elective – III Compiler Design
Elective – III Cyber Security
Elective – III Digital Image Processing
Elective – IV Big Data Analytics
Elective – IV Cloud Computing
Elective – IV Soft Computing
Programming Lab
Programming Practice / Mini-Project
Common Software / Mini-Project
Seminar
Advanced Programming Tools
Advanced Computer Architecture
Wireless & Mobile Communication
Open Source Software with Case Study of Linux
Elective 1. Data Warehousing and Mining
Elective 2. Theory of Computation
Elective 3. Analysis and Design of Algorithms
Programming Lab
Programming Practice / Mini-Project
Common Software / Mini-Project
Group Discussions
Net Technology
Cyber Security
Artificial Intelligence & Expert Systems
Elective 1. Soft Computing
Elective 2. Digital Image Processing
Elective 3. Management Information System
Elective 4. Advanced Mobile Communications
Elective 1. Big Data Analytics
Elective 2. Compiler Design
Elective 3. Cloud Computing and Internet of Things
Elective 4. Machine Learning and Robotics
Programming Lab

Programming Practice / Mini-Project
Common Software/Mini-Project
Seminar
System Development Project (System Design & Implementation)
M.Sc.- IT
Object Oriented Programming with C++
RDBMS and SQL
Mathematical Foundations of Computer Science
Computer System Architecture
Internet and Web Technology
Programming Lab C++
RDBMS & SQL Lab
NET Technology
Data Structures
Computer Networks & Data Communication
Operating System (with Linux as case Study)
AI & Expert Systems
Programming Lab – Based on 201
Programming Practice - Based on 202
Common Software - Based on 203/204
Personality Development / Group Discussion
Java Programming Language
Python Programming Language
Software Engineering
Elective 1. Advanced Computer Architecture
Elective 2. Data Mining & Warehousing
Elective 3. Cloud Computing
Elective 4. Digital Image Processing
Elective 1. Mobile Communication
Elective 2. Theory of Computations
Elective 3. Internet of Things
Elective 4. Analysis and Design of Algorithms
Programming Lab - Based on 301
Programming Practice - Based on 302
Common Software/Mini-Project
Managerial Skills / Seminar
Cyber Security
Soft Computing
Big Data Analytics
Project Based Seminar
Major Project
M.A.- Economics
Micro Economics
Macro Economic

Quantitative Methods
Industrial Economics
Research Methods and Computer Application
Indian Economic Policy
Labour Economics
Economics of Growth – I
Public Finance - III
Environmental Economics - IV
Demography – V
Economics of Development & Planning - I
Public Eco. - III
Eco. of Social Sector & Environment - IV
CBCS
II Sem- Basic Economic Concept
III Sem - Indian Economy
M.Phil.- Economics
Indian Economy
Research methodology
Advanced Economic Theory
Ph.D.- Economics
Methodological Aspects of Economic Research
Project work
Certificate course in Econometrics - Fundamentls of Econometrics and Mathematical Economics
Certificate course in GST - Fundamentls of GST
M.Sc.- Master of Science in Electronics
Lab course A: Analog Electronics
Lab course B: Digital electronics
Network Analysis and Synthesis
Microprocessor and C++ Programming
Analog and Digital Communication Systems
Electromagnetic Plane wave, Transmission lines and Microwave Devices
Lab course C: Analog and Digital Communication Lab
Lab course D: –8085 Microprocessor Programming, Study Cards and Interfacing Lab
Advanced Microprocessor and Interfacing
Data Communication, Mobile and Wireless Communication
Photonics/Instrumentation and Measurement
Power Electronics, Information Theory and Coding
Lab course E: Optical Electronics, Transducer and Instrumentation Lab
Lab course F: 8086 Microprocessor Programming, Interfacing and “C++” Programming Lab
Digital Signal Processing
Optical and Satellite Communication
Automatic Control System and Artificial Neural Network

Embedded System and Microcontroller
Lab course G: Optical Communication and 8051 Programming Lab
Project & Seminar
M.Tech.- Optoelectronics & Laser Technology
Modern Optics
Laser Technology
Optoelectronics
Optical Communication
Seminar
Comprehensive Viva voce
Photonics Lab-I
Quantum Optics (Elective)
Physics of Advanced Materials
Fiber Optics & Laser Instrumentation and Solar Photovoltaic Technologies
Optical Networks
Advance Optical Communication
Seminar
Comprehensive Viva voce
Photonics Lab-II
Photonics Materials and Devices (Elective)
Major Project Phase - I
Major Project Phase - II
Comprehensive Viva voce
Ph.D. in Electronics
Research Methodology, Quantitative Methods & Computer Applications
Review of Literature in Concerned Subject, Seminar/Project Report
CBCS
Basics of Electronics
Fundamentals of Biomedical Equipments
M.Sc.- Environmental Science
Instruentation Techniques: Principle and Application
Analytical Methods in Environmental Sciences
Renewable, Non-renewable and Perpetual Resources
Lab Course - I
Lab Course - II
Meteorology and Climatology
Environmental Pollution and Control: Air and Water
Environmental Pollution and Control: Soil, Solid Waste and Radiation and Noise
Environmental Geosciences
Lab Course - III
Lab Course - IV
Environmental Toxicology
Environmental Microbiology
Environmental Biotechnology

Data Analysis in Environmental Sciences
Lab Course - V
Lab Course - VI
Remote Sensing and Geographical Information System (GIS)
Environmental Disaster and Risk
Environmental Impact Assessment, Environmental Audit and Environmental Management System Standards (EIA, EA and EMSS)
Environmental Law, Policies and Society
Dissertation
Seminar based on Dissertation
M.A./M.Sc.- Geography
Geomorphology – I
Climatology - II
Geographical Thought - III
Economic and Natural Resource Manage- VI
Regional Develop and Planning -VIII
Social Geography – IX
Practical-II: Map Projections, Interpretation and Surveying -X
Population Geography – XI
Settlement Geography - XII
Remote Sensing Tech.-XIII
Biogeography and Ecosystem -XIII
Research Methodology – XIV
Practical-III: Remote Sensing and Quantitative Techniques - XV
Geography of Health - XVI
Agricultural Geography – XVII
Geographical Information System- XVIII
Environmental Geography - XVIII
Field Work (Physical Socio-Economics- XIX
Practical-IV: Geographical Information system and Quantitative Techniques-XX
M.Phil.- Geography
Theory : Research Methodology and Computer Application in Geography - I
Theory : Modern Concepts and Approaches in Geography - II
Lab Course : Cartographic and Quantitative Techniques, Remote Sensing & GIS - III
Ph.D.- Geography
Research Methodology, Computer Fundamentals, Statistical tools and techniques in Geography - I
CBCS
Physical Geography
Regional Geography of India with special reference to Chhattisgarh
M.Sc.- Geology
Course - I Structural Geology
Course - II Mineralogy
Course - III Geochemistry

Course - IV Crystallography and Crystal Optics
Lab Course-I Structural Geology & Survey
Lab Course-II Crystallography, Crystal Optics, Mineralogy, Geochemistry
Course – I Igneous Petrology
Course – II Metamorphic Petrology
Course – III Sedimentology and Crustal Evolution
Course – IV Stratigraphic Principles and Indian Geology
Lab Course-I Petrology and Stratigraphy
Lab Course-II Fieldwork
Course - I Palaeontology
Course - II Ore and Fuel Geology
Course - III Geomorphology and Remote Sensing
Course - IV Mineral Exploration
Lab Course-I Ore Geology and Mineral Exploration
Lab Course-II Palaeontology, Geomorphology and Remote Sensing
Course - I Mining and Engineering Geology
Course - II Environmental Geology
Course - III Hydrogeology
Lab Course-I Hydrogeology, Engineering Geology and Mining Geology
Course-ME-I Advanced Hydrogeology
Lab Course-ME-I Advanced Hydrogeology
Course-ME-II Project Oriented Dissertation, Script Evaluation and Viva Voce on Project Dissertation
Ph.D.- Geology
Paper-I Research Methodology, Quantative Methods and Computer applications (PhD Course Work)
Paper-II Review of Literature concerning the topic of research an Seminar/Project Report (PhD Course Work)
CBCS
Fundamentals of Geology
Disaster Management
M.A.- History
Ancient and Medieval Chhattisgarh (Compulsory)
Modern Chhattisgarh (Compulsory)
Tourism Theory (Optional-IV)
Central and Provincial Administrative System of India (Optional-III)
Tourism Theory and Principles In Reference of History (Optional-IV)
CBCS
Art And Culture of Chhattisgarh
B.A. L.L.B.
Law of Crimes I (IPC)
Law of Crimes II (Cr.P.C.)
Law of Evidence
Constitutional Law I
Constitutional Law II

Environmental Law
Fimily Law I (Hindu Law)
Family Law II (Muslim Law)
Administrative Law
Practicle Professional Ethics
Labour and Industrial Law I
Labour and Industrial Law II
Human Rights and PIL
Insurance Law
Practicle (ADR)
C.G. Land Revieue Code and Other Local Law
Intellectual Property Law
Company Law
Law of Taxation
Practicle Moot Court
Transfer of Property Act
Civil Procedure Code
Interpretation of Statutes
Criminology and Penology
Practical (Drafting, Pleading and Conveyancing)
L.L.M.
Constitutional Law New Challenges I
Constitutional Law New Challenges II
Research Methodology
Human Rights and Environmental Development
Dissertation
Viva Voce
Ph.D.- Law
Research Methodology
CBCS
General Law
CONSTITUTIONAL LAW OF INDIA
B.Lib. & I.Sc.
Library Organization and Management
Library Cataloguing and Bibliography
Reference sources and Services
Documentation and Information Services
Computer Application in Libraries
Library Classification(Theory)
Library Classification(Practice)
Library cataloguing (Practice)
M.Lib. & I.Sc.
Research Methods & Statistical Techniques
Management of Library & Information Centres/Institution

Information Processing and Retrieval (Practice-I)
Information Retrieval
Information Sources, Products and Services
Information Technology: Basics & Applications
Management Information Systems.
Information Processing & Retrieval (Practice – II)
Ph.D.- Library Science
Research Methodology
ICT and Computer Literacy
M.Sc.- Bioscience
Instrumentation and Techniques
Biometry, Computer and Scientometry
Ecology and Environmental Biology
Plant Biotechnology
Parasitology/Basic Chronobiology/Ethnobotany
Immunology/ Applied chronobiology/Secondary Metabolites
Lab Courses
M.Sc.- Biochemistry
Instrumentation and Molecular Techniques
Biometry Computer and Scientometry
Nutritional and Environmental Biochemistry - III
Plant Biotechnology - I
Seed Science Tech. - II
Clinical Biochemistry and Endocrinology- III (Spl. Paper- A)
Nutraceuticals and Functional Foods- III (Spl. Paper- B)
Adv. Immunology, Diagnostics and Prophylaxis – IV (Spl. Paper- A)
Bioinformatics – IV (Spl. Paper- B)
M.Sc.- Microbiology
Instrumentation and Molecular Techniques
Fermentation Technology - II
Environmental Microbiology - III
Medical Microbiology - IV (I)
Microbial Biotechnology - I
Advance Immunology diagnostics and Prophylaxis-II
Food Microbiology - III (Spl. Paper- A)
Microbial Ecology- III (Spl. Paper- B)
Agricultural Microbiology – IV (Spl. Paper- A)
Industrial Microbiology- IV (Spl. Paper- B)
Lab Courses
Ph.D.- Bioscience
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Biochemistry

Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Microbiology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Botany
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Zoology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
CBCS
Environmental Toxicology
Economic Zoology
Vector Borne Diseases
Rhythms in Life
M.A.- Linguistics
Functionality Functionality of Language
Phonetics and Phonemics-I
Morphology-I
Semantics
Stylistics
Phonetics and Phonemics-II
Morphology-II
Syntax
Language and Society
Psycholinguistics and Second Language Teaching
Field- Method
Translation
Communicative Hindi
Communicative English (A)
Chhattisgarhi (B)
Discourse- Analysis
M.A.- English
Poetry I
Drama I
Prose I
Fiction - I
Language Management And Communication Skills I
Poetry II
Drama II

Prose II
Fiction II
Language Management and Communication Skill - II
Critical Theory - I
Indian Writing In English - I
American Literature - I
(A) Linguistics - I
(B) English Language Teaching
(A) New Literatures In English - I
(B) Research Methodology And Computer Application - I
Critical Theory - II
Indian Writing In English - II
American Literature - II
(A) Linguistics - II
(B) English Language Teaching
(A) New Literatures in English - II
(B) Research Methodology And Computer Application - II
M.A.- Hindi
Aadikaal Evam Purva Madhyakaal
Prachin Evam Madhyakalin Kavya
Chhayawad Evam Purvavarti Kavya
Natak, Ekanki, Evam Paritatmak Kriti
Uttar Madhyakaal Evam Aadhunik Kaal
Madhyakalin Kavya
Prayogwadi Evam Prgativadi Kavya
Upanyas Nibandh Evam Kahani
Sahitya Ke Siddhant Tatha Aalochana Shashtra
Bhasha Vigyan
Kamkaji Hindi Evam Patrakarita
Bhartiya Sahitya
Hindi Aalochana Evam Samiksha Shashtra
Hindi Bhasha
Media Lekhan Evam Anuvad
Janpadiya Bhasha Aur Sahitya (Chhattisgarhi)
M.A.- Chhattisgarhi
Chhattisgarhi Ke Bhautik Au Etihasik Prishtbhumi
Chhattisgarhi Ke Dhvani Sanrachna
Chhattisgarhi Ke Vyakaran
Chhattisgarhi Sahitya Ke Ithias
Chhattisgarhi Ke Lok Kala Aau Sanskriti
Chhattisgarhi Lok Sahitya
Chhattisgarhi Kavya
Chhattisgarhi Arth - Mimansa
Chhattisgarhi Ke Shabd - Sanrachna

Chhattisgarhi Ke Bhasha Bhugol
Prayojan Mulak Chhattisgarhi
Rajbhasha Chhattisgarhi
Chhattisgarhi Ke Vakya - Sanrachna
Chhattisgarhi Aau Anuvad
Chhattisgarhi Ke Teej Tihar Aau Parampara
Prayogik Prashikshan Aau Aantrik Mulyankan
Diploma in European and Asian Languages- English
Sounds and Grammar
Translation and Comprehension
Certificate in Translations
Theory of Translation
Practice of Translation
M.Phil.- Linguistics
Research Methodology
Grammar Theoretical & Practical
Language Teaching Methods Semester- II
Seminar -Based on Theory
Dissertation – Based on Dissertation
Script Writing
Viva Voice
M.Phil.- Hindi
Saddhantik -1 Anusandhan Ki Pravidhi Aur Prakriya
Saiddhantik -2 Hindi Sahitya Ki Vaicharik Prishtbhumi
Sodh Karya
Script Writing
Laghu Sodh Prabandh Par Adahrit Seminar
Maukhiki
M.Phil.- English
1. Research Methodology
2. Contemporary Literary Criticism
3. Colonial & Post- Colonial Studies
4. Seminar Based On Theory Papers (1,2,3)
5. Dissertation- Script Writing
Seminar On Dissertation
Viva
Ph.D.- Linguistics
Research Methodology & Computer Fundamentals
Review of Literature & Seminar
Ph.D.- English
Research Methodology & Computer Application
Dissertation, Project, Script
Ph.D.- Hindi
Anusandhan Ki Pravidhi Prakriya Aur Computer Ka Anuprayog

Samandhit Sahitya Ka Punarvlokan Seminar Evam Project Karya
D. Litt. Linguistics
D. Litt. Hindi
Master of Business Administration
Organisational Behavior
Quantitative Methods
Managerial Economics
Accounting for Managers
Information Technology with computer Lab
Environment and Management
Business Legislations
Industry Based Project - I
Managerial Communication
Management Science
Human Rtesource Management
Financial Management
Marketing Management
Production Management
Research Methodology
Business Ethics & Indian Ethos
Industry Based Project - II
Organisational Effectiveness and Change
Management Information System
Marketing Research & Consumer Behaviouir
Sales & Advertising Management
Industrial & Service Marketing
Security Analysis and PortfolioManagement
Management of Financial Services
Human Resource Development
Legal Framework of HRM
System Analysis & Design
RDBMS & SQL Concepts
Training Report and Viva
Strategic Management
Retailing Management
Corporate Social Responsibility
Project Planning, Analysis & Management
Compensation Management
Management of Industrial Relations
Business Process Re-Engineering & ERP
Fundamentals of Computer Architecture
Ph.D.- Management
Research Methodology
Review of Literature and Seminar

CBCS
Management Concepts and Process
Managerial Communication
M.Sc./M.A.- Mathematics
Advanced Abstract Algebra - I
Real Analysis - I
Topology-I
Advanced Complex Analysis - I
Advanced Discrete Mathematics - I
Advanced Abstract Algebra - II
Real Analysis - II
General and Algebraic Topology - II
Advance Complex Analysis (II)
Advanced Discrete Mathematics II
Integration Theory and Functional Analysis - I
Partial Differential Equations & Mechanics - II
Fundamentals of Computer Sc. - III (Opt.- A)
Fuzzy set and their application - III (Opt. – C)
Mathematical Biology (I) - III (Opt. - D)
Operations Research (I) - IV (Opt. - A)
Wavelets (I) - IV (Opt. - B)
Programming in - C (With ANSI features) - I - V (Opt. - A)
Graph Theory - I - V (Opt.- B)
Functional Analysis (II) - I
Partial Differential Equations and Mech. (II) - II
Operating System and Database Manag. System (II) - III (A)
Fuzzy Sets and their application - II (Opt. - B)
Mathematics Bilogy (C)
Operations Research (II) - IV (Opt. - A)
Wavelets (II) - IV (Opt. - B)
Programming in "C" (with ANSI feature) (II) - V (Opt. - A)
Graph Theory (II) - V (Opt. - B)
M.Phil.- Mathematics
Nonlinear Functional Analysis
Cryptography
Research Methodology
Dissertation
Ph.D.- Mathematics
Course work (Research Methodology , Latex, MATLAB)
Review of Literature & Seminar
CBCS
Elementary Mathematics for Finance and Economics
Elementary Mathematics for Social Sciences
Bachelor of Pharmacy

Pharmaceutical Analysis I – Theory
Pharmaceutics I – Theory
Pharmaceutical Inorganic Chemistry –Theory
Communication skills – Theory *
Remedial Biology – Theory*
Remedial Mathematics – Theory*
Pharmaceutical Analysis I – Practical
Pharmaceutics I – Practical
Pharmaceutical Inorganic Chemistry –Practical
Communication skills – Practical*
Remedial Biology – Practical*
Pharmaceutical Organic Chemistry I – Theory
Pathophysiology – Theory
Computer Applications in Pharmacy – Theory *
Environmental sciences – Theory *
Pharmaceutical Organic Chemistry I– Practical
Biochemistry – Practical
Computer Applications in Pharmacy – Practical*
Pharmaceutical Organic Chemistry II – Theory
Physical Pharmaceutics I – Theory
Pharmaceutical Microbiology – Theory
Pharmaceutical Engineering – Theory
Pharmaceutical Organic Chemistry II – Practical
Physical Pharmaceutics I – Practical
Pharmaceutical Microbiology – Practical
Pharmaceutical Engineering –Practical
Pharmaceutical Organic Chemistry III– Theory
Medicinal Chemistry I – Theory
Physical Pharmaceutics II – Theory
Pharmacology I – Theory
Pharmacognosy and Phytochemistry I– Theory
Medicinal Chemistry I – Practical
Physical Pharmaceutics II – Practical
Pharmacology I – Practical
Pharmacognosy and Phytochemistry I – Practical
Medicinal Chemistry II – Theory
Industrial PharmacyI– Theory
Pharmacology II – Theory
Pharmacognosy and Phytochemistry II– Theory
Pharmaceutical Jurisprudence – Theory
Industrial Pharmacy I – Practical
Pharmacology II – Practical
Pharmacognosy and Phytochemistry II –Practical
Medicinal Chemistry III – Theory

Pharmacology III – Theory
Herbal Drug Technology – Theory
Biopharmaceutics and Pharmacokinetics –Theory
Pharmaceutical Biotechnology – Theory
Quality Assurance –Theory
Medicinal chemistry III – Practical
Pharmacology III – Practical
Herbal Drug Technology – Practical
Instrumental Methods of Analysis – Theory
Industrial PharmacyII – Theory
Pharmacy Practice – Theory
Novel Drug Delivery System – Theory
Instrumental Methods of Analysis – Practical
Practice School
Biostatistics and Research Methodology
Social and Preventive Pharmacy
Pharma Marketing Management
Pharmaceutical Regulatory Science
Pharmacovigilance
Quality Control and Standardization of Herbals
Computer Aided Drug Design
Cosmetic Science
Experimental Pharmacology
Advanced Instrumentation Techniques
Dietary Supplements and Nutraceuticals
Project Work
Master of Pharmacy
Modern Pharmaceutical Analytical Techniques
Drug Delivery System
Modern Pharmaceutics
Regulatory Affair
Pharmaceutics Practical I
Seminar/Assignment
Molecular Pharmaceutics (Nano Tech and Targeted DDS)
Advanced Biopharmaceutics & Pharmacokinetics
Computer Aided Drug Delivery System
Cosmetic and Cosmeceuticals
Pharmaceutics Practical II
Seminar/Assignment
Research Methodology and Biostatistics*
Journal club
Discussion / Presentation (Proposal Presentation)
Research Work
Journal Club

Research Work
Discussion/Final Presentation
Ph.D.- Pharmacy
Course work and Research Methodology
CBCS
Drug Standardization of natural origin
Intellectuals and property rights
Cosmetic technology
Bachelor of Physical Education
Health Education and Environmental Studies
Officiating and Coaching (Elective)
Track & Field (Running events)
Indigenous Sports: Kabaddi
Mass Demonstration
Yoga Education
Education Technology And Methods Of Teaching In Physical Education
Organization and Administration
Sports Nutrition and Weight Management (Elective)
Track & Field (Jumping events)
Yoga/Aerobics
Racket Sports: Badminton/Table Tennis
Teaching Practice (Classroom And Outdoor)
Sports Training
Computer Applications In Physical Education
Sports Psychology and Sociology
Sports Medicine, Physiotherapy and Rehabilitation
Track & Field (Throwing events)
Combative Sports : Martial Art, Judo
Team Games : Cricket, Volleyball
Teaching Practice (Teaching Lesson Plans For Racket Sports /Team Games/Indigenous Sports)
Measurement and Evaluation in Physical Education
Kinesiology and Biomechanics
Research and Statistics in Physical Education
Sports Management (Elective)
Football/Hockey
Sports Specialization: Coaching Lessons Plans, Track And Field
Game Specialization Coaching Lessons:Kabaddi/kho-kho/Baseball/Cricket/Football/Hockey/Softball/Volleyball/Handball/Basketball/Netball/Badminton/Table-Tennis/Squash/Tennis (Any of one out of these)
Master of Physical Education
Professional Preparation and Curriculum Designs - I
Test Measurements and Evaluation in Physical Education - II
Exercise Physiology - III
Management of Physical Education – IV

Training Method
Bio-Mechanics
Research Process
Statistics and Computer
Scientific Coaching Methods - I
Sports Psychology - II
Sports Medicine - III
Specialization Theory - IV (Table Tennis)
Specialization Theory - IV (Khokho)
Specialization Theory - IV (Handball)
Specialization Theory - IV (Volley Ball)
Specialization Theory - IV (Archery)
Specialization Theory - IV (Football)
Specialization Theory - IV (Cricket)
Specialization Theory - IV (Badminton)
Specialization Theory - IV (Hockey)
Specialization Theory - IV (Boxing)
Specialization Theory - IV (Judo)
Specialization Theory - IV (Basketball)
Specialization Theory - IV (Kabbadi)
Specialization Theory - IV (Athletics)
Specialization Theory - IV (Gymnastics)
Specialization Theory - IV (Wrestling)
Specialization Theory - IV (Yoga)
Specialization Theory - IV (Netball)
Specialization Theory - IV (Lawn Tennis)
Specialization Theory - IV (Taiquando)
Specialization Theory - IV (Swimming)
Specialization Theory - IV (Baseball)
Specialization Theory - IV (Karate)
Specialization Theory - IV (Weight Lifting)
Specialization Theory - IV (Soft ball)
Specialization Theory - IV (Ball Badminton)
Health Education – I
Psychology of Coaching and Counselling - II
Sports Physiotherapy -III
Foundation of Physical. Education and Current trends - IV
CBCS
Physical Education, Heallth
Yoga Education
Ph.D.- Physical Education
Research Process,Stastics and Computer Application
Review of Litrature, Seminar, Project Work
M.Sc.- Physics

Electronic & Photonic Devices and Optical Modulators
Computational Physics & Computer Programming
Numerical Analysis & Computer Programming
Digital Electronics & Microprocessor
Lab Course - Materials Science & General
Lab Course - Astronomy & Astrophysics
Lab Course - Electronics (Communication)
Lab Course - Physics of Nano-material
Lab Course - Space Physics
Nuclear & Particle Physics
Laser Physics and Applications
Solid State Physics-II
Electronics (Communication-II)
Project Work
Ph.D.- Physics
Research Methodology, Quantitative Methods & Computer Applications
Review of Literature in Concerned Subject, Seminar/ Project Report
M.A.- Psychology
Basic Research Methodology
Psychopathology
Group Processes and Cultural Psychology
Advanced Research Methodology
Physical Psychology & Health Behaviour
Personality and Indigenous Psy. – XI
Psy. Arsessonent - XII
Organizational Behaviour - XIII
Human Resource Development and Management - XIV
Education and Instructional Psy.
Basic of Psychological Guidance and Counselling - XIV
Clinical Diagnosis -I - XIII
Psychotherapeutic Counselling – XIV
Life Span Development - XVI
Psychological Assessment - II - XVII
Psychology of Management - II - XVIII
Human Resource Develop. and Management - II – XIX
Education and Instructional Psychology - II - XVIII
Basic of Psychological Guidance and Counselling - II – XIX
Clinical Diagnosis and Community mental Health - XVIII
Psychotherapeutic Counselling - XIX
Practicum (Field Work)
CBCS
Psychology of Everyday lives
Mental Health: Prevention and promotion
P.G.Diploma in Guidance and Counselling

Psychological guidance
Counselling theories and Techniques
Field Exploration (Internship Programme)
Lab Practical
P.G. Diploma in Rehabilitation Counselling
Disability and Rehabilitation
Psychosocial Issues in Disability
Rehabilitation Assessment and counseling
Community Based Rehabilitation
Rehabilitation Interventions and viva voce
P.G. Diploma in Rehabilitation Psychologist
Lab Practical/Internship
M.Phil.- Psychology
Research Methods and Advanced Statistics
Clinical Psychology Group - A
Educational Psychology Group - B
Organizational Behaviour Group - C
Paper – III Lab Course
Ph.D.- Psychology
Ph.D. Course Work
M.A.- Rural Development
Rural social problem
Panchayati Raj and rural Administration
Urban Planning
Rural Economy and Industrialization
Rural Health Care
Scientific Research methdology in Rural Development
Tribal Development
Communication and Extension in Rural Development
Rural Social development
Voluntary action in rural development
Land Reforms and Rural Development
Project Report based on field work
Entrepreneurship and rural development
Natural Resources and Sustainable Development
Resources and livelihood management
Internship
P.G. Diploma in Regional Planning and Development
Regional Planning and Development
Research Methods and Computer Application
Tribal Development
Field based minor project on urban planning
Research and development based regional needs
Rural Marketing and finance

Dissertation/Field Report
Ph.D.- Regional Studies
Research Methodology & Fundamental of Computer
Project based on review of Research work
CBCS
Applied Research Methodology
Corporate Social Responsibility
M.A.- Sociology
Rural Sociology
Practical-I
Quantitative Research Techniques in Sociology
Sociology of Development
Practical-II
Contemporary Issues in Industry
Criminology- Correctional Administration
Project Report
Master of Social Work
Population and Environment
Working with Groups/Group Work
Social Work Research - Qualitative Method
Social Work Research Quantitative Method
Social Work Practicum
Social work Personal Training and Development
Family Social Work
Integrated Social Work Practice
Research Project with Block Placement and Field Work Report
CBCS
Indian Village
Basic Concept of Socilogy
M.Phil.- Sociology
Gender and Society
Contemporary Indian Social Problems
Research Methodology: Quantitative Techniques,Computers
Ph.D.- Sociology
Methodological aspect of Sociological Research (Ph.D Course Work)
M.A./M.Sc.- Statistics
Statistical Methods
Probability Measure
Applied Statistics
Statistical Computing
Elective C- Econometrics
Lab Courses
Project work
CBCS

Basic Statistics - I
Basic Statistics - II
Ph.D.- Statistics
Research Methodology - Course Work
Review of Litterature/ Seminar/ Project Report - Course Work
Bachelor of Education
Pedagogy of Mathematics
Pedagogy of Biological Science
Pedagogy of Physical Science
Pedagogy of Social Science
Pedagogy of Language (English)
Pedagogy of Language (Hindi)
Preparation of Teaching Aids
Community Activities
Curriculum and Knowledge
School Internship (2 weeks)
Pedagogy of Mathematics
Pedagogy of Biological Science
Pedagogy of Physical Science
Pedagogy of Social Science
Pedagogy of Language (English)
Pedagogy of Language (Hindi)
Nai Talim : Skill Based learning
School Internship (18 weeks)
Gender, School and Society
Viva Voce on Teaching Experience
Master of Education
Teacher Education
Strengthening Language Proficiency
Exploring Liberary Resources
Introduction of Research Methodology in Education
Proposal of Dissertation
Internship, School Based Activities
Education Administration
Gender Perspectives in Education
Curriculum Development
Educational Guidance and Counselling
Education for the differently abled
Dissertation
Viva Voce on Dissertion
Certificate Course in Community based Participatory Research (CBPR)
Project Work
Certificate Course in Women Law & Gender Justice
Women Law & Gender Justice

Project Work
Bachelor of Vocation in Renewable Energy Technology and Management
Business Communication
Energy Sources and Energy Scenario
Applied Physics
Rooftop Solar PV Power Plant Installation- I
Rooftop Solar PV Power Plant Installation- II
Wind Energy
Wind Turbine Generator
Laboratory I (Electronics Lab)
Laboratory II (Photovoltaic Lab)
Environmental Sciences
Industrial Electronics and Instrumentation
Biomass Mass Power Generation Systems
Report Writing
Waste to Energy Conversion Systems
Design of Solar PV Power Plant – I
Design of Solar PV Power Plant – II
Installation and Commissioning of Solar PV Power Plant
Laboratory III (Computer lab)
Laboratory IV (Renewable Energy lab)
Innovations in Science
Applied Mathematics
Mechanics & Thermodynamics for Energy Application
Electrical Systems
Solar PV Power Plant and Components
Programming C++/Java
Solar Water Pumping System
Evaluation and Monitoring for Wind Power Plant
Laboratory V (Digital Electronics)
Laboratory VI (Renewable Energy lab)
Energy Management, Auditing and Utilization
Power Electronics
Control and Embedded Systems
Material Science for Energy Applications
Solar Thermal Technologies
Concentrating Solar Thermal Systems
Engineering Drawing
Solar Thermal Systems
Workshop Practices I/Minor Project
Solar Business Solutions
Health and Safety Practices at Project Site
Energy in Buildings
Energy Modeling & Project Management

	Energy Efficiency in Electrical Utilities
	Hydrogen Energy and Fuel Cells
	Smart and Micro-Grid
	Energy Efficiency in Thermal Utilities
	Workshop Practices II
	Industrial Training
	Major Project
	M.Sc.- Integrated
	Electronics and Instrumentation
	Glimpses of Contemporary Science
	Environmental Studies
	Biology Laboratory
	Chemistry Laboratory
	Physics Laboratory
	Electronics Laboratory
	Prayojan Mulak Hindi
	Essential Mathematics for Chemistry & Biology
	World Literature
	Communication Skills Lab
	Applied Electronics Laboratory
	Scientific Writing
	Ethics of Science and IPR
	Imaging Tachnology in Biological Research
	Reading Project
	Advanced Biology Laboratory
	Virology
	Project
	Environmental Chemistry
	Advanced Physics Laboratory
	Experimental Techniques
	CCD Imaging and Spectroscopy
	Statistical technique Laboratory
	Probability Theory
	Project
	Dynamicak Systems using Matlab
	Mathematical Biology
	Financial Mathematics
National	**M.A.- Ancient Indian History, Culture & Archaeology**
	Pre historic India
	History of India Indus valley civilization to 4th Cent. B.C.
	History of India 4th Century B.C. to 319 A.D.
	Art and Iconography Part-I
	Architecture Part- I
	History of India from 319 A.G. to 550 A.D.

History of India From 550 A.G. to 1300 A.D.
Art and Iconography Part--II
Architecture Part- II
Survey and Field Work
Numismatics Part--I
Epigraphy & Palaeography Part--I
Historiography, Concept and Methods
History of Archaeology Part—I
Numismatics Part-II
Epigraphy & Palaeography Part-II
History of Archaeology Part-II
Survey and Field Work
M.A./ M.Sc.- Anthropology
Fundamental of Social/Cultural Anthropology
Fundamental of Physical / Biological Anthropology
Prehistoric Archaeology & Palaeo-Anthropology
Research Methods in Anthropology
Lab Course I: Practicals in Craniology and Craniometry
Lab Course II: Practicals in Osteology and Osteometry
Indian Archaeology
Fundamentals of Human Genetics
Medical Anthropology
Biostatistics and Computer Application
Lab Course I: Practicals in Archaeology
Lab Course II: Compulsory Field Work
Applied Anthropology (Group- A & B)
Advanced Human Biology
Human Growth & Nutrition
Human Molecular Genetics
Lab Course I: Practicals in Applied Biological Anthropology
Lab Course II: Practicals in Human Growth, Nutrition and Physiology
Theory Methods in Social –Cultural Anthropology
Indian Anthropology and Museology
Tribal Development
Lab Course I: Practicals in Museology
Lab Course II: Ethno-Museological Fieldwork Based Report and Seminar
Medical Genetics
Forensic Anthropology
Dissertations (external)
Presentations/Viva-Voce
Disaster Management, Displacement & Rehabilitation
Development Anthropology
Dissertations (external)
Presentations/Viva-Voce

M.Phil.- Anthropology
Reserch Methodology, Quantitative Techniques and Computer Application
Advance Anthropology
Dissertation Report
Dissertation Based Presentation
Theory Based Seminar
Practicals in Applied Anthroplogy
Ph.D.- Anthropology
Research Methodology and Computer Applications
Review of Concerned Litrature, Seminar and Project Work
P.G. Diploma in Forensic Science
Fundamentals of Forensic Science and Physical Evidance
Fundamentals of Criminology
Lab Course -I
Toxilogy. Forensic Chmistry and Forensic Biology
Fundamentals of Police Science
Lab Course -II
M.Sc.- Biotechnology
Cell Biology
Genetics
Microbial Physiology
Bio-molecules
Lab Course 1 (Based on paper 1 & 2)
Lab Course 2 (Based on paper 3 & 4)
Biostatistics, Bioinformatics & Computers in Biotechnology
Molecular Biology
Plant Biotechnology
Macromolecules & Enzymology
Lab Course 3 (Based on paper 5 & 6)
Lab Course 4 (Based on paper 7 & 8)
Genetic Engineering
Biology of Immune System
Bioprocess Engineering & Technology
Environmental Biotechnology
Lab Course 5 (Based on paper 9 & 10)
Lab Course 6 (Based on paper 11 & 12)
IPR, Biosafety, Bioethics and Nanobiotechnology
Advanced Techniques in Biotechnology
Animal Biotechnology
Function Genomics & Proteomics
Lab Course 7 (Based on paper 13 & 14)
Lab Course 8 (Based on paper 15 & 16)
Project Work
M.Phil.- Biotechnology

Research Methodology
Applied Biotechnology
Lab Course (Based on Theory paper 1,2)
Dissertation
Ph.D.- Biotechnology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
CBCS
Basic Biotechnology
Applied Biotechnology
M.Sc.- Chemistry
Group theory and chemistry of metal complexes
Concepts in organic chemistry
Quantum chemistry, thermodynamics and chemical dynamics - I
Theory and applications of spectroscopy-I
Lab Course - I
Lab Course - II
Transition metal complexes
Reaction mechanisms
Quantum chemistry, thermodynamic and chemical dynamics - II
Theory and Applications of spectroscopy-II
Lab Course - III
Lab Course - IV
Resonance spectroscopy, photochemistry and organocatalysis
Chemistry of biomolecules
Catalysis, solid state and surface chemistry
Analytical techniques and data analysis
Lab Course - V
Lab Course - VI
Instrumental methods of Analysis
Natural products and medicinal chemistry
Material and nuclear chemistry
Environmental & applied chemical Analysis
Medicinal chemistry
Chemistry of surfactants
Chemistry and application of pesticides
Molecular symmetry, coordination and organometallic Chemistry
Nano Chemistry
Chemistry of natural products
Polymers
Forensic chemistry
Lab course VII Or Seminar
Lab course VIII Or Project work

Project Work
Seminar based on above project work
Ph.D.-Chemistry [Course Work]
Research methodology
Literature search technique
Instrumentation techniques
Sampling & modeling
Statistical analysis
Project based on review of Research work
Seminar
M.Phil.- Chemistry
Research Methodology in Chemistry
Medicinal and Physical Organic Chemistry
Advanced Environmental Chemistry
Chemistry of Nanomaterials
Based on Theory
Seminar based on Dissertation
Script Writing
Viva-voce
P.G. Diploma Yoga Education & Philosophy
Theoritical Yoga Vijan
Applied Yoga Vijnan
Practice Teaching (Indoor) & Practice Teaching (Outdoor/ Internship)
Practical
Practical Record & Viva- Voce
Yoga Philosophy
Hatha Yoga
Practice Teaching (Indoor) & Practice Teaching (Outdoor/ Internship)
Practical
Practical Record & Viva- Voce
M.A.- Applied Philosophy & Yoga
Yoga ke Adharbhoot Tatva - Pratham
Yoga ki Darshnik Prishthabhumi - Dwitiya
Hath Yoga Siddhant Avam Sadhana - Tritiya
Practices Exam & Internship - Chaturth
Chetna ka Adhyan - Pratham
Patanjal Yoga Sutra - Dwitiya
Yoga Avam Swastha - Tritiya
Practices Exam & Internship - Chaturth
Shrimadbhagwad Geeta Darshan Avam Yoga Sadhna ke Tatva - Pratham
Asan Aur Pranayam ka Vaigyanic Adhyan - Dwitiya
Yogic Aahar Avam Poshan - Tritiya
Practices Exam & Internship - Chaturth
Yoga-Upachar - Pratham

Sharir Avam Sharir Kriya- Vigyan - Dwitiya
Dissertation & Enternship / Educational Tour - Tritiya
Practices Exam & Internship - Chaturth
M.Phil.- Comparative Religion and Applied Philosophy
Resarch Methodology
Comparative Study of Religions
Yogic Skil Development
Ph.D.- Comparative Religion and Applied Philosophy
Research Methodology
Review/ Project Work & Seminar
CBCS
Introduction to Philosophy & Yoga - Part -1
Yog ka Vaigyanik Paksha avam Swastha
Master of Computer Applications
Object Oriened Programming With 'C++'
Relational Database Management Systems
Operating System with Case Study of Linux
Computer System Architecture
Software Engineering
Lab-I : Programming in C++
Lab-II : Programming in SQL/PL-SQL
Lab-III : Programming in Linux
Personality Development / Mock Interviews
Programming in Python
JAVA Programming
Data Structure and Algorithms
Elective – I Theory of Computations
Elective – I Advanced Computer Architecture
Elective – I Computer Graphics
Elective – II Data Ware Housing And Mining
Elective – II Internet of Things
Elective – II Mobile Computing
Lab-IV : Programming in Python
Lab-V : Programming in JAVA
Lab-VI : Programming Based on MCA203
Group Discussion
Net Technology
Computer Network & Data Communication
Artificial Intelligence
Elective – III Compiler Design
Elective – III Cyber Security
Elective – III Digital Image Processing
Elective – IV Big Data Analytics
Elective – IV Cloud Computing

Elective – IV Soft Computing
Programming Lab
Programming Practice / Mini-Project
Common Software / Mini-Project
Seminar
Advanced Programming Tools
Advanced Computer Architecture
Wireless & Mobile Communication
Open Source Software with Case Study of Linux
Elective 1. Data Warehousing and Mining
Elective 2. Theory of Computation
Elective 3. Analysis and Design of Algorithms
Programming Lab
Programming Practice / Mini-Project
Common Software / Mini-Project
Group Discussions
Net Technology
Cyber Security
Artificial Intelligence & Expert Systems
Elective 1. Soft Computing
Elective 2. Digital Image Processing
Elective 3. Management Information System
Elective 4. Advanced Mobile Communications
Elective 1. Big Data Analytics
Elective 2. Compiler Design
Elective 3. Cloud Computing and Internet of Things
Elective 4. Machine Learning and Robotics
Programming Lab
Programming Practice / Mini-Project
Common Software/Mini-Project
Seminar
System Development Project (System Design & Implementation)
M.Sc.- IT
Object Oriented Programming with C++
RDBMS and SQL
Mathematical Foundations of Computer Science
Computer System Architecture
Internet and Web Technology
Programming Lab C++
RDBMS & SQL Lab
NET Technology
Data Structures
Computer Networks & Data Communication
Operating System (with Linux as case Study)

AI & Expert Systems
Programming Lab – Based on 201
Programming Practice - Based on 202
Common Software - Based on 203/204
Personality Development / Group Discussion
Java Programming Language
Python Programming Language
Software Engineering
Elective 1. Advanced Computer Architecture
Elective 2. Data Mining & Warehousing
Elective 3. Cloud Computing
Elective 4. Digital Image Processing
Elective 1. Mobile Communication
Elective 2. Theory of Computations
Elective 3. Internet of Things
Elective 4. Analysis and Design of Algorithms
Programming Lab - Based on 301
Programming Practice - Based on 302
Common Software/Mini-Project
Managerial Skills / Seminar
Cyber Security
Soft Computing
Big Data Analytics
Project Based Seminar
Major Project
M.A.- Economics
Micro Economics
Macro Economic
Quantitative Methods
Indian Economy
Industrial Economics
Micro Economic
Macro Economics
Research Methods and Computer Application
Indian Economic Policy
Labour Economics
Economics of Growth – I
International Trade - II
Public Finance - III
Environmental Economics - IV
Demography – V
Economics of Development & Planning - I
International Eco. - II
Public Eco. - III

Eco. of Social Sector & Environment - IV
CBCS
II Sem- Basic Economic Concept
III Sem - Indian Economy
M.Phil.- Economics
Indian Economy
Research methodology
Advanced Economic Theory
Ph.D.- Economics
Methodological Aspects of Economic Research
Project work
Certificate course in Econometrics - Fundamentls of Econometrics and Mathematical Economics
Certificate course in GST - Fundamentls of GST
M.Sc.- Master of Science in Electronics
Analog Integrated Electronics and Physics of Electronic Materials
Digital Design and Applications
Signals, Mathematical and Computational Methods in Electronics
Optical, Quantum and Organic Electronics
Lab course A: Analog Electronics
Lab course B: Digital electronics
Network Analysis and Synthesis
Microprocessor and C++ Programming
Analog and Digital Communication Systems
Electromagnetic Plane wave, Transmission lines and Microwave Devices
Lab course C: Analog and Digital Communication Lab
Lab course D: –8085 Microprocessor Programming, Study Cards and Interfacing Lab
Advanced Microprocessor and Interfacing
Data Communication, Mobile and Wireless Communication
Photonics/Instrumentation and Measurement
Power Electronics, Information Theory and Coding
Lab course E: Optical Electronics, Transducer and Instrumentation Lab
Lab course F: 8086 Microprocessor Programming, Interfacing and “C++” Programming Lab
Digital Signal Processing
Optical and Satellite Communication
Automatic Control System and Artificial Neural Network
Embedded System and Microcontroller
Lab course G: Optical Communication and 8051 Programming Lab
Project & Seminar
M.Tech.- Optoelectronics & Laser Technology
Modern Optics
Laser Technology
Optoelectronics

Optical Communication
Seminar
Comprehensive Viva voce
Photonics Lab-I
Quantum Optics (Elective)
Physics of Advanced Materials
Fiber Optics & Laser Instrumentation and Solar Photovoltaic Technologies
Optical Networks
Advance Optical Communication
Seminar
Comprehensive Viva voce
Photonics Lab-II
Photonics Materials and Devices (Elective)
Major Project Phase - I
Major Project Phase - II
Comprehensive Viva voce
Ph.D. in Electronics
Research Methodology, Quantitative Methods & Computer Applications
Review of Literature in Concerned Subject, Seminar/Project Report
CBCS
Basics of Electronics
Fundamentals of Biomedical Equipments
M.Sc.- Environmental Science
Fundamental of Ecology
Instruentation Techniques: Principle and Application
Analytical Methods in Environmental Sciences
Renewable, Non-renewable and Perpetual Resources
Lab Course - I
Lab Course - II
Meteorology and Climatology
Environmental Pollution and Control: Air and Water
Environmental Pollution and Control: Soil, Solid Waste and Radiation and Noise
Environmental Geosciences
Lab Course - III
Lab Course - IV
Environmental Toxicology
Environmental Microbiology
Environmental Biotechnology
Data Analysis in Environmental Sciences
Lab Course - V
Lab Course - VI
Remote Sensing and Geographical Information System (GIS)
Environmental Disaster and Risk

Environmental Impact Assessment, Environmental Audit and Environmental Management System Standards (EIA, EA and EMSS)
Environmental Law, Policies and Society
Dissertation
Seminar based on Dissertation
M.A./M.Sc.- Geography
Geomorphology – I
Climatology - II
Geographical Thought - III
Geography of India - IV
Practical-I: Adanced Cartography -V
Economic and Natural Resource Manage- VI
Oceanography – VII
Regional Develop and Planning -VIII
Social Geography – IX
Practical-II: Map Projections, Interpretation and Surveying -X
Population Geography – XI
Settlement Geography - XII
Remote Sensing Tech.-XIII
Biogeography and Ecosystem -XIII
Research Methodology – XIV
Practical-III: Remote Sensing and Quantitative Techniques - XV
Geography of Health - XVI
Agricultural Geography – XVII
Geographical Information System- XVIII
Environmental Geography - XVIII
Field Work (Physical Socio-Economics- XIX
Practical-IV: Geographical Information system and Quantitative Techniques-XX
M.Phil.- Geography
Theory : Research Methodology and Computer Application in Geography - I
Theory : Modern Concepts and Approaches in Geography - II
Lab Course : Cartographic and Quantitative Techniques, Remote Sensing & GIS - III
Ph.D.- Geography
Research Methodology, Computer Fundamentals, Statistical tools and techniques in Geography - I
CBCS
Physical Geography
Regional Geography of India with special reference to Chhattisgarh
M.Sc.- Geology
Course - I Structural Geology
Course - II Mineralogy
Course - III Geochemistry
Course - IV Crystallography and Crystal Optics
Lab Course-I Structural Geology & Survey

Lab Course-II Crystallography, Crystal Optics, Mineralogy, Geochemistry
Course – I Igneous Petrology
Course – II Metamorphic Petrology
Course – III Sedimentology and Crustal Evolution
Course – IV Stratigraphic Principles and Indian Geology
Lab Course-I Petrology and Stratigraphy
Lab Course-II Fieldwork
Course - I Palaeontology
Course - II Ore and Fuel Geology
Course - III Geomorphology and Remote Sensing
Course - IV Mineral Exploration
Lab Course-I Ore Geology and Mineral Exploration
Lab Course-II Palaeontology, Geomorphology and Remote Sensing
Course - I Mining and Engineering Geology
Course - II Environmental Geology
Course - III Hydrogeology
Lab Course-I Hydrogeology, Engineering Geology and Mining Geology
Course-ME-I Advanced Hydrogeology
Lab Course-ME-I Advanced Hydrogeology
Course-ME-II Project Oriented Dissertation, Script Evaluation and Viva Voce on Project Dissertation
Ph.D.- Geology
Paper-I Research Methodology, Quantative Methods and Computer applications (PhD Course Work)
Paper-II Review of Literature concerning the topic of research an Seminar/Project Report (PhD Course Work)
CBCS
Fundamentals of Geology
Disaster Management
M.A.- History
Historiography (Compulsory)
Modern world 1800-1920 A.D.(Compulsory)
History of Great Britain 1815- 1885A.D. (Optional-A)
Women in Indian History in Ancient & Medieval Period (Optional-B)
Historigraphy (Compulsory)
Contemporary world 1920-2000 A.D. (Compulsory)
Modern England 1885-1956 A.D. (Optional-A)
Women in Modern India (Optional-B)
First - Indian polity and economy in the Sultanate period (1200-1526 A.D.)
Second - Society and Culture in the Sultanate Period (1200-1526 A.D.)
First - Political and Administrative History of Modern India(1757 A.D. to 1857 A.D.)
Second - Economical, Social and Cultural History of Modern India (1757 -1857 A.D.)
History of Indian National Movement (1857 to 1922 A.D.) (Optional-I)
Cultural History of India (Begining to 1526 A.D.) (Optional-II)
Indian Constitution and Administrative System (Optional -III)

Tourism Theory (Optional-IV)
First - Indian Politiy and Economy in Mughal Period (1526-1750 A.D.)
Second - Society and Culture in Mughal Period (1526-1750 A.D.)
First - Political and Administrative History of Modern India (1858 - 1964 A.D.)
Second - Economical, Social, and Cultural History of Modern India (1858 A.D. to 1964 A.D.)
History of Indian Indian National Movement (1922 - 1947 A.D.) (Optional-I)
Cultural History of India (1526 - 1950 A.D.) (Optional-II)
Central and Provincial Administrative System of India (Optional-III)
Tourism Theory and Principles In Reference of History (Optional-IV)
CBCS
Main Currents of Indian Freedom Movement
B.A. L.L.B.
English I - General English
Sociology
History
Legal History (1600-1887)
English II
Economics
Political Science I
Constitutional History of India (1858-1950)
Political Science II (Major)
Hisory II (Minor)
Economics II (Minor)
Contract I
Political Science III (Major)
Sociology II Imajor)
Political Science IV (Major)
Contract II
Jurisprudence and Legal Theory
Law of Torts including Motor Vehicle Act
Law of Crimes I (IPC)
Law of Crimes II (Cr.P.C.)
Law of Evidence
Constitutional Law I
Constitutional Law II
Environmen tal Law
Fimily Law I (Hindu Law)
Family Law II (Muslim Law)
Administrative Law
Law of Equity and Indian Trust Act 1882
Practicle Professional Ethics
Labour and Industrial Law I
Labour and Industrial Law II

Human Rights and PIL
Insurance Law
Practicle (ADR)
C.G. Land Revieue Code and Other Local Law
Intellectual Property Law
Company Law
Law of Taxation
Practicle Moot Court
Transfer of Property Act
Civil Procedure Code
Interpretation of Statutes
Criminology and Penology
Practical (Drafting, Pleading and Conveyancing)
L.L.M.
Legal and Constitutional History
Constitutional Law New Challenges I
Constitutional Law New Challenges II
Research Methodology
Jurisprudence and Legal Theory
Interpretation of Statutues and Theory
Indian Administrative Law
Human Rights and Environmental Development
Constitutional Law of UK / Criminology I
Constitutional Law of USA / Penology
Constitutional Law of Canada & Australia / General Principle of Criminal law (IPC)
Constitutional Law of Japan and Switzerland / Law of Evidence
Law of Social Transformation in India / Law of Torts (General Principle)
Administrative Law (UK, USA, French and India)/ Specific Torts
Dissertation
Viva Voce
Ph.D.- Law
Research Methodology
CBCS
General Law
Constitutional Law of India
B.Lib. & I.Sc.
Library Organization and Management
Library Cataloguing and Bibliography
Reference sources and Services
Documentation and Information Services
Computer Application in Libraries
Library Classification(Theory)
Library Classification(Practice)
Library cataloguing (Practice)

M.Lib. & I.Sc.
Foundation of Information Science
Knowledge Organisation & Information Processing
Research Methods & Statistical Techniques
Management of Library & Information Centres/Institution
Information Processing and Retrieval (Practice-I)
Information Retrieval
Information Sources, Products and Services
Information Technology: Basics & Applications
Management Information Systems.
Information Processing & Retrieval (Practice – II)
Ph.D.- Library Science
Research Methodology
ICT and Computer Literacy
M.Sc.- Bioscience
Cell Biology
Bio molecules
Microbiology
Biology of Immune System
Lab Course I (Based on Theory papers I & II)
Lab Course II (Based on Theory papers III & IV)
Genetics and Molecular Biology
Bioenergetics and Metabolism
Instrumentation and Techniques
Biometry, Computer and Scientometry
Lab Course I (Based on Theory papers I & II)
Lab Course II (Based on Theory papers III & IV)
Molecular Plant Physiology
Ecology and Environmental Biology
Animal Physiology
Developmental Biology and Evolution
Lab Course I (Based on Theory papers I & II)
Lab Course II (Based on Theory papers III & IV)
Molecular Endocrinology
Plant Biotechnology
Parasitology/Basic Chronobiology/Ethnobotany
Immunology/ Applied chronobiology/Secondary Metabolites
Lab Course I (Based on Theory papers I & II)
Lab Course II (Based on Theory papers III & IV)
M.Sc.- Biochemistry
Cell Biology
Bio molecules
Microbiology
Biology of Immune System

Genetics and Molecular Biology
Bioenergetics and Metabolism
Instrumentation and Molecular Techniques
Biometry Computer and Scientometry
Genetic Engineering - I
Plant Physiology and Biochemistry - II
Nutritional and Environmental Biochemistry - III
Enzymology - IV
Plant Biotechnology - I
Seed Science Tech. - II
Clinical Biochemistry and Endocrinology- III (Spl. Paper- A)
Nutraceuticals and Functional Foods- III (Spl. Paper- B)
Adv. Immunology, Diagnostics and Prophylaxis – IV (Spl. Paper- A)
Bioinformatics – IV (Spl. Paper- B)
M.Sc.- Microbiology
Cell Biology
Bio molecules
Microbiology
Biology of Immune System
Lab Course I (Based on paper I& II)
Lab Course II (Based on paper III & IV)
Genetics and Molecular Biology
Bioenergetics and Metabolism
Instrumentation and Molecular Techniques
Biometry Computer and Scientometry
Lab Course I (Based on paper I& II)
Lab Course II (Based on paper III & IV)
Microbial Physiology - I
Fermentation Technology - II
Environmental Microbiology - III
Medical Microbiology - IV (I)
Lab Course I (Based on paper I & II)
Lab Course II (Based on paper III & IV)
Microbial Biotechnology - I
Advance Immunology diagnostics and Prophylaxis-II
Food Microbiology - III (Spl. Paper- A)
Microbial Ecology- III (Spl. Paper- B)
Agricultural Microbiology – IV (Spl. Paper- A)
Industrial Microbiology- IV (Spl. Paper- B)
Lab Course I (Based on paper I& II)
Lab Course II (Based on paper III & IV)
Ph.D.- Bioscience
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals

Review of Literature & Seminar
Ph.D.- Biochemistry
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Microbiology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Botany
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Zoology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
CBCS
Environmental Toxicology
Economic Zoology
Vector Borne Diseases
Rhythms in Life
M.A.- Linguistics
Introduction to Linguistics and Indian Linguistic Tradition
Functionality Functionality of Language
Phonetics and Phonemics-I
Morphology-I
Semantics
Stylistics
Phonetics and Phonemics-II
Morphology-II
Syntax
Language and Society
Psycholinguistics and Second Language Teaching
Field- Method
Translation
Communicative Hindi
Communicative English (A)
Discourse- Analysis
M.A.- English
Poetry I
Drama I
Prose I
Fiction - I
Language Management And Communication Skills I

Poetry II
Drama II
Prose II
Fiction II
Language Management and Communication Skill - II
Critical Theory - I
Indian Writing In English - I
American Literature - I
(A) Linguistics - I
(B) English Language Teaching
(A) New Literatures In English - I
(B) Research Methodology And Computer Application - I
Critical Theory - II
Indian Writing In English - II
American Literature - II
(A) Linguistics - II
(B) English Language Teaching
(A) New Literatures in English - II
(B) Research Methodology And Computer Application - II
M.A.- Hindi
Aadikaal Evam Purva Madhyakaal
Prachin Evam Madhyakalin Kavya
Chhayawad Evam Purvavarti Kavya
Natak, Ekanki, Evam Paritatmak Kriti
Uttar Madhyakaal Evam Aadhunik Kaal
Madhyakalin Kavya
Prayogwadi Evam Prgativadi Kavya
Upanyas Nibandh Evam Kahani
Sahitya Ke Siddhant Tatha Aalochana Shashtra
Bhasha Vigyan
Kamkaji Hindi Evam Patrakarita
Bhartiya Sahitya
Hindi Aalochana Evam Samiksha Shashtra
Hindi Bhasha
Media Lekhan Evam Anuvad
Janpadiya Bhasha Aur Sahitya (Chhattisgarhi)
Diploma in European and Asian Languages- English
Sounds and Grammar
Translation and Comprehension
Diploma in National Language- Sindhi
Dhwaniya Aur Vyakaran
Sindhi Bhasha Aur Anuvad
Diploma in European and Asian Languages- French
Paper-I Text and Grammar

Translation and Comprehension
Certificate in Translations
Theory of Translation
Practice of Translation
M.Phil.- Linguistics
Research Methodology
Grammar Theoretical & Practical
Language Teaching Methods Semester- II
Seminar -Based on Theory
Dissertation – Based on Dissertation
Script Writing
Viva Voice
M.Phil.- Hindi
Saddhantik -1 Anusandhan Ki Pravidhi Aur Prakriya
Saiddhantik -2 Hindi Sahitya Ki Vaicharik Prishtbhumi
Sodh Karya
Script Writing
Laghu Sodh Prabandh Par Adahrit Seminar
Maukhiki
M.Phil.- English
1. Research Methodology
2. Contemporary Literary Criticism
3. Colonial & Post- Colonial Studies
4. Seminar Based On Theory Papers (1,2,3)
5. Dissertation- Script Writing
Seminar On Dissertation
Viva
Ph.D.- Linguistics
Research Methodology & Computer Fundamentals
Review of Literature & Seminar
Ph.D.- English
Research Methodology & Computer Application
Dissertation, Project, Script
Ph.D.- Hindi
Anusandhan Ki Pravidhi Prakriya Aur Computer Ka Anuprayog
Samandhit Sahitya Ka Punarvlokan Seminar Evam Project Karya
D. Litt. Linguistics
D. Litt. Hindi
Master of Business Administration
Management Concepts and Process
Organisational Behavior
Quantitative Methods
Managerial Economics
Accounting for Managers

Information Technology with computer Lab
Environment and Management
Business Legislations
Industry Based Project - I
Managerial Communication
Management Science
Human Rtesource Management
Financial Management
Marketing Management
Production Management
Research Methodology
Business Ethics & Indian Ethos
Industry Based Project - II
Organisational Effectiveness and Change
International Business
Management Information System
Marketing Research & Consumer Behaviouir
Sales & Advertising Management
Industrial & Service Marketing
Security Analysis and PortfolioManagement
Management of Financial Services
Human Resource Development
Legal Framework of HRM
System Analysis & Design
RDBMS & SQL Concepts
Training Report and Viva
Strategic Management
Retailing Management
Corporate Social Responsibility
International Marketing
International Finnacial Management
Project Planning, Analysis & Management
Compensation Management
Management of Industrial Relations
Business Process Re-Engineering & ERP
Fundamentals of Computer Architecture
Ph.D.- Management
Research Methodology
Review of Literature and Seminar
CBCS
Management Concepts and Process
Managerial Communication
M.Sc./M.A.- Mathematics
Advanced Abstract Algebra - I

Real Analysis - I
Topology-I
Advanced Complex Analysis - I
Advanced Discrete Mathematics - I
Advanced Abstract Algebra - II
Real Analysis - II
General and Algebraic Topology - II
Advance Complex Analysis (II)
Advanced Discrete Mathematics II
Integration Theory and Functional Analysis - I
Partial Differential Equations & Mechanics - II
Fundamentals of Computer Sc. - III (Opt.- A)
Fuzzy set and their application - III (Opt. – C)
Mathematical Biology (I) - III (Opt. - D)
Operations Research (I) - IV (Opt. - A)
Wavelets (I) - IV (Opt. - B)
Programming in - C (With ANSI features) - I - V (Opt. - A)
Graph Theory - I - V (Opt.- B)
Functional Analysis (II) - I
Partial Differential Equations and Mech. (II) - II
Operating System and Database Manag. System (II) - III (A)
Fuzzy Sets and their application - II (Opt. - B)
Mathematics Bilogy (C)
Operations Research (II) - IV (Opt. - A)
Wavelets (II) - IV (Opt. - B)
Programming in "C" (with ANSI feature) (II) - V (Opt. - A)
Graph Theory (II) - V (Opt. - B)
M.Phil.- Mathematics
Nonlinear Functional Analysis
Cryptography
Research Methodology
Dissertation
Ph.D.- Mathematics
Course work (Research Methodology , Latex, MATLAB)
Review of Literature & Seminar
CBCS
Elementary Mathematics for Finance and Economics
Elementary Mathematics for Social Sciences
Bachelor of Pharmacy
Human Anatomy and Physiology I–Theory
Pharmaceutical Analysis I – Theory
Pharmaceutics I – Theory
Pharmaceutical Inorganic Chemistry –Theory
Communication skills – Theory *

Remedial Biology – Theory*
Remedial Mathematics – Theory*
Human Anatomy and Physiology –Practical
Pharmaceutical Analysis I – Practical
Pharmaceutics I – Practical
Pharmaceutical Inorganic Chemistry –Practical
Communication skills – Practical*
Remedial Biology – Practical*
Human Anatomy and Physiology II – Theory
Pharmaceutical Organic Chemistry I – Theory
Biochemistry – Theory
Pathophysiology – Theory
Computer Applications in Pharmacy – Theory *
Environmental sciences – Theory *
Human Anatomy and Physiology II –Practical
Pharmaceutical Organic Chemistry I– Practical
Biochemistry – Practical
Computer Applications in Pharmacy – Practical*
Pharmaceutical Organic Chemistry II – Theory
Physical Pharmaceutics I – Theory
Pharmaceutical Microbiology – Theory
Pharmaceutical Engineering – Theory
Pharmaceutical Organic Chemistry II – Practical
Physical Pharmaceutics I – Practical
Pharmaceutical Microbiology – Practical
Pharmaceutical Engineering –Practical
Pharmaceutical Organic Chemistry III– Theory
Medicinal Chemistry I – Theory
Physical Pharmaceutics II – Theory
Pharmacology I – Theory
Pharmacognosy and Phytochemistry I– Theory
Medicinal Chemistry I – Practical
Physical Pharmaceutics II – Practical
Pharmacology I – Practical
Pharmacognosy and Phytochemistry I – Practical
Medicinal Chemistry II – Theory
Industrial PharmacyI– Theory
Pharmacology II – Theory
Pharmacognosy and Phytochemistry II– Theory
Pharmaceutical Jurisprudence – Theory
Industrial Pharmacy I – Practical
Pharmacology II – Practical
Pharmacognosy and Phytochemistry II –Practical
Medicinal Chemistry III – Theory

Pharmacology III – Theory
Herbal Drug Technology – Theory
Biopharmaceutics and Pharmacokinetics –Theory
Pharmaceutical Biotechnology – Theory
Quality Assurance –Theory
Medicinal chemistry III – Practical
Pharmacology III – Practical
Herbal Drug Technology – Practical
Instrumental Methods of Analysis – Theory
Industrial PharmacyII – Theory
Pharmacy Practice – Theory
Novel Drug Delivery System – Theory
Instrumental Methods of Analysis – Practical
Practice School*
Biostatistics and Research Methodology
Social and Preventive Pharmacy
Pharma Marketing Management
Pharmaceutical Regulatory Science
Pharmacovigilance
Quality Control and Standardization of Herbals
Computer Aided Drug Design
Cell and Molecular Biology
Cosmetic Science
Experimental Pharmacology
Advanced Instrumentation Techniques
Dietary Supplements and Nutraceuticals
Project Work
Master of Pharmacy
Modern Pharmaceutical Analytical Techniques
Drug Delivery System
Modern Pharmaceutics
Regulatory Affair
Pharmaceutics Practical I
Seminar/Assignment
Molecular Pharmaceutics (Nano Tech and Targeted DDS)
Advanced Biopharmaceutics & Pharmacokinetics
Computer Aided Drug Delivery System
Cosmetic and Cosmeceuticals
Pharmaceutics Practical II
Seminar/Assignment
Research Methodology and Biostatistics*
Journal club
Discussion / Presentation (Proposal Presentation)
Research Work

Journal Club
Research Work
Discussion/Final Presentation
Ph.D.- Pharmacy
Course work and Research Methodology
CBCS
Drug Standardization of natural origin
Intellectuals and property rights
Cosmetic technology
Bachelor of Physical Education
History, Principles and foundation of physical Education
Anatomy and Physiology
Health Education and Environmental Studies
Officiating and Coaching (Elective)
Track & Field (Running events)
Gymnastics
Indigenous Sports: Kabaddi
Mass Demonstration
Yoga Education
Education Technology And Methods Of Teaching In Physical Education
Organization and Administration
Sports Nutrition and Weight Management (Elective)
Track & Field (Jumping events)
Yoga/Aerobics
Racket Sports: Badminton/Table Tennis
Teaching Practice (Classroom And Outdoor)
Sports Training
Computer Applications In Physical Education
Sports Psychology and Sociology
Sports Medicine, Physiotherapy and Rehabilitation
Track & Field (Throwing events)
Combative Sports : Martial Art, Judo
Team Games : Cricket, Volleyball
Teaching Practice (Teaching Lesson Plans For Racket Sports /Team Games/Indigenous Sports)
Measurement and Evaluation in Physical Education
Kinesiology and Biomechanics
Research and Statistics in Physical Education
Sports Management (Elective)
Gymnastics
Football/Hockey
Sports Specialization: Coaching Lessons Plans, Track And Field
Game Specialization Coaching Lessons:Kabaddi/kho-kho/Baseball/Cricket/Football/Hockey/Softball/Volleyball/Handball/Basketball/Netball/Badminton/Table-Tennis/Squash/Tennis (Any of one out of these)

Master of Physical Education
Professional Preparation and Curriculum Designs - I
Test Measurements and Evaluation in Physical Education - II
Exercise Physiology - III
Management of Physical Education – IV
Training Method
Bio-Mechanics
Research Process
Statistics and Computer
Scientific Coaching Methods - I
Sports Psychology - II
Sports Medicine - III
Specialization Theory - IV (Table Tennis)
Specialization Theory - IV (Khokho)
Specialization Theory - IV (Handball)
Specialization Theory - IV (Volley Ball)
Specialization Theory - IV (Archery)
Specialization Theory - IV (Football)
Specialization Theory - IV (Cricket)
Specialization Theory - IV (Badminton)
Specialization Theory - IV (Hockey)
Specialization Theory - IV (Boxing)
Specialization Theory - IV (Judo)
Specialization Theory - IV (Basketball)
Specialization Theory - IV (Kabbadi)
Specialization Theory - IV (Athletics)
Specialization Theory - IV (Gymnastics)
Specialization Theory - IV (Wrestling)
Specialization Theory - IV (Yoga)
Specialization Theory - IV (Netball)
Specialization Theory - IV (Lawn Tennis)
Specialization Theory - IV (Taiquando)
Specialization Theory - IV (Swimming)
Specialization Theory - IV (Baseball)
Specialization Theory - IV (Karate)
Specialization Theory - IV (Weight Lifting)
Specialization Theory - IV (Soft ball)
Specialization Theory - IV (Ball Badminton)
Health Education – I
Psychology of Coaching and Counselling - II
Sports Physiotherapy -III
Foundation of Physical. Education and Current trends - IV
CBCS
Physical Education, Heallth

Yoga Education
Ph.D.- Physical Education
Research Process,Stastics and Computer Application
Review of Litrature, Seminar, Project Work
M.Sc.- Physics
Mathematical Physics
Classical Mechanics
Electrodynamics & Plasma Physics
Electronics
General & Optics
Electronics
Quantum Mechanics-I
Statistical Mechanics
Electronic & Photonic Devices and Optical Modulators
Computational Physics & Computer Programming
Numerical Analysis & Computer Programming
Digital Electronics & Microprocessor
Quantum Mechanics-II
Atomic & Molecular Physics
Solid State Physics-I
Astronomy & Astrophysics-I
Electronics (Communication-I)
Physics of Nano-material-I
Space Physics-I
Lab Course - Materials Science & General
Lab Course - Astronomy & Astrophysics
Lab Course - Electronics (Communication)
Lab Course - Physics of Nano-material
Lab Course - Space Physics
Nuclear & Particle Physics
Laser Physics and Applications
Solid State Physics-II
Astronomy & Astrophysics-II
Electronics (Communication-II)
Physics of Nano-material-II
Space Physics-II
Project Work
Ph.D.- Physics
Research Methodology, Quantitative Methods & Computer Applications
Review of Literature in Concerned Subject, Seminar/ Project Report
M.A.- Psychology
Basic Psychology Process - I
Social Psychology
Basic Research Methodology

Psychopathology
Basic Psychology Process – II
Group Processes and Cultural Psychology
Advanced Research Methodology
Physical Psychology & Health Behaviour
Personality and Indigenous Psy. – XI
Psy. Arsessonent - XII
Organizational Behaviour - XIII
Human Resource Development and Management - XIV
Education and Instructional Psy.
Basic of Psychological Guidance and Counselling - XIV
Clinical Diagnosis -I - XIII
Psychotherapeutic Counselling – XIV
Life Span Development - XVI
Psychological Assessment - II - XVII
Psychology of Management - II - XVIII
Human Resource Develop. and Management - II – XIX
Education and Instructional Psychology - II - XVIII
Basic of Psychological Guidance and Counselling - II – XIX
Clinical Diagnosis and Community mental Health - XVIII
Psychotherapeutic Counselling - XIX
Practicum (Field Work)
CBCS - Psychology of Everyday lives
CBCS - Mental Health: Prevention and promotion
P.G.Diploma in Guidance and Counselling
Psychological guidance
Counselling theories and Techniques
Field Exploration (Internship Programme)
Lab Practical
P.G. Diploma in Rehabilitation Counselling
Disability and Rehabilitation
Psychosocial Issues in Disability
Rehabilitation Assessment and counseling
Community Based Rehabilitation
Rehabilitation Interventions and viva voce
P.G. Diploma in Rehabilitation Psychologist
Lab Practical/Internship
M.Phil.- Psychology
Research Methods and Advanced Statistics
Clinical Psychology Group - A
Educational Psychology Group - B
Organizational Behaviour Group - C
Paper – III Lab Course
Ph.D.- Psychology

Ph.D. Course Work
M.A.- Rural Development
Rural Develoment -Indian Context
Rural Development Planning and Management
Rural Development programme and evaluation
Rural social problem
Panchayati Raj and rural Administration
Urban Planning
Rural Economy and Industrialization
Rural Health Care
Scientific Research methdology in Rural Development
Tribal Development
Communication and Extension in Rural Development
Rural Social development
Voluntary action in rural development
Land Reforms and Rural Development
Project Report based on field work
Entrepreneurship and rural development
Natural Resources and Sustainable Development
Resources and livelihood management
Internship
P.G. Diploma in Regional Planning and Development
Regional Planning and Development
Research Methods and Computer Application
Tribal Development
Field based minor project on urban planning
Research and development based regional needs
Rural Marketing and finance
Dissertation/Field Report
Ph.D.- Regional Studies
Research Methodology & Fundamental of Computer
Project based on review of Research work
CBCS
Applied Research Methodology
Corporate Social Responsibility
M.A.- Sociology
Classical Sociological Tradition
Philosophical & Conceptual Foundation of Research Methodology
Social Change in India
Rural Sociology
Practical-I
Classical Sociological Thinkers
Quantitative Research Techniques in Sociology
Sociology of Development

Indian Rural Society
Practical-II
Classical Sociological Theories
Social Movements in India
Perspectives of Study to Indian Society
Industry and Society in India
Criminology
Modern Sociological Theories
Comparative Sociology
Contemporary Issues in Industry
Criminology- Correctional Administration
Project Report
Master of Social Work
Social Work History and Ideology - Indian Perspective
Population and Environment
Working with Groups/Group Work
Social Work Research - Qualitative Method
Human Growth and Development
Social Work History and Ideology - Western Perspective
Political Economy of Development
Process and Evolution of Group Formation
Social Work Research Quantitative Method
Social Work Practicum
Sociology for Social Work in India
Social work Personal Training and Development
Family Social Work
Social Policy in India
Legal System in India
Social Control and Change in India
Social Development
Social Planning in India
Integrated Social Work Practice
Research Project with Block Placement and Field Work Report
CBCS
Indian Village
Basic Concept of Socilogy
M.Phil.- Sociology
Gender and Society
Contemporary Indian Social Problems
Research Methodology: Quantitative Techniques,Computers
Ph.D.- Sociology
Methodological aspect of Sociological Research (Ph.D Course Work)
M.A./M.Sc.- Statistics
Real Analysis

Statistical Methods
Probability Measure
Applied Statistics
Lab Course-I
Lab Course-II
Linear Algebra
Statistical Computing
Stochastic Processes
Sampling Theory
Lab Course-I
Lab Course-II
Multivariate Analysis
Inference – I
Operation Research - I
Statistical Quality Control
Lab Course-I
Lab Course-II
Design of Experiment
Inference – II
Operation Research – II
Elective A- Reliability and Life Testing
Elective B- Demography
Elective C- Econometrics
Lab Course-I
Project work
CBCS
Basic Statistics - I
Basic Statistics - II
Ph.D.- Statistics
Research Methodology - Course Work
Review of Litterature/ Seminar/ Project Report - Course Work
Bachelor of Education
Philosophical Perspectives of Education
Nai Talim : An Experiential Learning
Pedagogy of Mathematics
Pedagogy of Biological Science
Pedagogy of Physical Science
Pedagogy of Social Science
Pedagogy of Language (English)
Pedagogy of Language (Hindi)
Preparation of Teaching Aids
Community Activities
Sociological Perspectives of Education
Learner and Learning Process

Art Education
Educational and Mental Measurement
Educational Technology and Management
Educational Administration and Management
Curriculum and Knowledge
School Internship (2 weeks)
Pedagogy of Mathematics
Pedagogy of Biological Science
Pedagogy of Physical Science
Pedagogy of Social Science
Pedagogy of Language (English)
Pedagogy of Language (Hindi)
Nai Talim : Skill Based learning
School Internship (18 weeks)
Reflective Diary
Gender, School and Society
Assessment in Learning
Computer Education
Inclusive Education
Teaching of Values
Psycho - Metric Assessment
Viva Voce on Teaching Experience
Master of Education
Philosophical Perspectives of Education
Sociological Perspectives of Education
Educational Technology
Teacher Education
Strengthening Language Proficiency
Exploring Liberary Resources
Introduction of Research Methodology in Education
Psychological Perspective of Education
Educational Guidance and Counselling
Education for the differently abled
Proposal of Dissertation
Internship, School Based Activities
History and Development of Education In India
Economic and Political Perspectives of Education
Advanced Education Statistics
Education Administration
Gender Perspectives in Education
Psycho-Metric Assessment
Curriculum Development
Educational Guidance and Counselling
Education for the differently abled

Academic Writing
Dissertation
Viva Voce on Dissertion
Certificate Course in Community based Participatory Research (CBPR)
Project Work
Certificate Course in Women Law & Gender Justice
Women Law & Gender Justice
Project Work
Bachelor of Vocation in Renewable Energy Technology and Management
Fundamentals of Electronics
Business Communication
Energy Sources and Energy Scenario
Applied Physics
Rooftop Solar PV Power Plant Installation- I
Rooftop Solar PV Power Plant Installation- II
Wind Energy
Wind Turbine Generator
Laboratory I (Electronics Lab)
Laboratory II (Photovoltaic Lab)
Environmental Sciences
Industrial Electronics and Instrumentation
Biomass Mass Power Generation Systems
Report Writing
Waste to Energy Conversion Systems
Design of Solar PV Power Plant – I
Design of Solar PV Power Plant – II
Installation and Commissioning of Solar PV Power Plant
Laboratory III (Computer lab)
Laboratory IV (Renewable Energy lab)
Innovations in Science
Applied Mathematics
Mechanics & Thermodynamics for Energy Application
Electrical Systems
Solar PV Power Plant and Components
Programming C++/Java
Solar Water Pumping System
Evaluation and Monitoring for Wind Power Plant
Laboratory V (Digital Electronics)
Laboratory VI (Renewable Energy lab)
Energy Management, Auditing and Utilization
Power Electronics
Control and Embedded Systems
Material Science for Energy Applications
Solar Thermal Technologies

Concentrating Solar Thermal Systems
Engineering Drawing
Solar Thermal Systems
Workshop Practices I/Minor Project
Solar Business Solutions
Health and Safety Practices at Project Site
Energy in Buildings
Energy Modeling & Project Management
Energy Efficiency in Electrical Utilities
Hydrogen Energy and Fuel Cells
Smart and Micro-Grid
Energy Efficiency in Thermal Utilities
Workshop Practices II
Industrial Training
Major Project
M.Sc.- Integrated
Biology I (Introductory Biology)
Chemsitry I (Bonding and Structure)
Physics I (Classical Physics)
Mathematics-I (for PCM Group)
Mathematics I
Computer Basics
Communication Skills
Creative Hindi
Biology Laboratory
Chemistry Laboratory
Physics Laboratory
Computer Laboratory
Communication Skills (Lab)
Biology II (Introduction to Macromolecules)
Chemistry II (Chemical thermodynamics)
Physics II (Optics, Electricity & Magnetism)
Mathematics II (For Physics and Chemistry Group) Calculus of several variables)
Mathematics II (For Mathematics Stream Only) Calculus of several variables)
Mathematics II (For Biology Stream)
Electronics and Instrumentation
Glimpses of Contemporary Science
Environmental Studies
Biology Laboratory
Chemistry Laboratory
Physics Laboratory
Electronics Laboratory
Prayojan Mulak Hindi

Essential Mathematics for Chemistry & Biology
World Literature
Computational Laboratory and Numerical Methods
Earth Sciences and energy and environmental Sciences
Physical & Chemical kinetics
Organic Chemistry -I
Introductory Spectroscopy
Analytical Chemistry
History & Philosophy of Science
Communication Skills Lab
Applied Electronics Laboratory
Organic Chemistry -I
Ethics of Science and IPR
Biophysical Chemistry
Statistical techniques and Applications
Scientific Writing
Ethics of Science and IPR
Numerical Analysis
Numerical Methods Laboratory
Ethics of Science and IPR
Numerical Methods Laboratory
Biochemistry – I
Cell Biology - I
Biology Laboratory
Cell Biology - II
Biochemistry – II
Biology Laboratory
Genetics
Molecular Biology
Biodiversity
Biology Laboratory
Immunology
Animal Physiology
Plant Physiology
Microbiology
Biology Laboratory
Nrurobiology
Immunology II
Developmental Biology
Imaging Tachnology in Biological Research
Reading Project
Advanced Biology Laboratory
Virology
Biotechnology I

Bioinformatics
Biotechnology II
Advanced Biology Laboratory
Project
Project
Protiomics and Genomics
Nanobiotechnology
Plants and Human Welfare
Plant Genetic engineering
Evolutionary Biology
Plant -Microbe Interaction
Animal Tissuw Culture
Inorganic Chemistry-I
Chemistry Laboratory
Properties of Matter
Group Theory
Chemistry Laboratory
Quantum Chemistry
Inorganic Chemistry-II
Organic Chemistry -II
Chemistry Laboratory
Atomic and Molecular Spectroscopy
Inorganic Chemistry III
Organic Chemistry III
Nuclear Chemistry
Chemistry Laboratory
Photochemisty
Chemical Biology
Organometallics and Bioinorganic Chemistry
Physical Organic Chemistry
Reading Project
Advanced Chemistry Laboratory I
Chemistry of Materials
Macro and Supramolecular Chemistry
Reaction Dynamics
Computational Chemistry
Advanced Chemistry Laboratory II
Project
Project
Environmental Chemistry
Inorganic Rings Cages and Cluters
Medicinal Chemistry
Nano Science and Technology
Surface and Colloidal Chemistry

Heterocyclic Chemistry
Advanced Polymer Chemistry
Mathematical Physics I
Classical Mechanics I
Electromagnetism
Waves and Oscillations
Physics Laboratory III
Applied Electronics Laboratory
Mathematical Physics II
Quantum Mechanics I
Statistical Machenics I
Physcics Laboratory IV
Quantum Mechanics II
Classical Mechanics II
Atomic and Molecular Physics
Physics Laboratory V
Electrodynamics
Nuclear Physics – I
Condensed Matter Physics – I
Lasers
Nonlinear Dynamics and Chaos
Physics Laboratory VI
Fluid Mechanics
Quantum Mechanics III
Statistical Mechanics II
Reactor Physics and Radiation Science
Reading Project
Advanced Physics Laboratory
Astronomy and Astrophysics
Accelerator Physics and Applications
Nuclear and Particle Physics
Condensed Matter Physics – II
Advanced Physics Laboratory II
Project
Project
Quantum Field Theory
General Realtivity and Cosmology
Experimental Techniques
CCD Imaging and Spectroscopy
Biophysics
Particle Physics
Foundations
Analysis I
Algebra l

	Discrete Mathematics
	Computational Mathematics I
	Computation Mathematics Laboratory
	Analysis II
	Algebra II
	Elementry Number Theory
	Topology I
	Statistical technique Laboratory
	Analysis III
	Algebra III
	Topology II
	Probability Theory
	Analysis IV
	Algebra IV
	Differential Geometry & Applications
	Differential Equations & Dynamical Systems
	Computational Mathematics II
	Functional Analysis
	Cummuulative Algebra
	Differential Topology
	Partial Differetial Equations
	Representation theory of finite Groups
	Project
	Fouries Analysis
	Algebric Number Theory
	Algebric Tolology
	Stochastic Analysis
	Computational Mathematics III
	Project
	Dynamicak Systems using Matlab
	Mathematical Biology
	Financial Mathematics
	Non-linear Analysis
	Operations Research
	Introduction to Cryptography
	Introduction to Nonlinear Optimization
International	**M.A.- Ancient Indian History, Culture & Archaeology**
	Art and Iconography Part-I
	Architecture Part- I
	Art and Iconography Part--II
	Architecture Part- II
	Survey and Field Work
	Numismatics Part--I
	Epigraphy & Palaeography Part--I

Historiography, Concept and Methods
History of Archaeology Part—I
Numismatics Part-II
Epigraphy & Palaeography Part-II
History of Archaeology Part-II
Survey and Field Work
M.A./ M.Sc.- Anthropology
Fundamental of Social/Cultural Anthropology
Fundamental of Physical / Biological Anthropology
Prehistoric Archaeology & Palaeo-Anthropology
Research Methods in Anthropology
Lab Course I: Practicals in Craniology and Craniometry
Lab Course II: Practicals in Osteology and Osteometry
Fundamentals of Human Genetics
Medical Anthropology
Biostatistics and Computer Application
Lab Course I: Practicals in Archaeology
Lab Course II: Compulsory Field Work
Applied Anthropology (Group- A & B)
Advanced Human Biology
Human Growth & Nutrition
Human Molecular Genetics
Lab Course I: Practicals in Applied Biological Anthropology
Lab Course II: Practicals in Human Growth, Nutrition and Physiology
Theory Methods in Social –Cultural Anthropology
Tribal Development
Lab Course I: Practicals in Museology
Lab Course II: Ethno-Museological Fieldwork Based Report and Seminar
Medical Genetics
Forensic Anthropology
Dissertations (external)
Presentations/Viva-Voce
Disaster Management, Displacement & Rehabilitation
Development Anthropology
Dissertations (external)
Presentations/Viva-Voce
M.Phil.- Anthropology
Reserch Methodology, Quantitative Techniques and Computer Application
Advance Anthropology
Dissertation Report
Dissertation Based Presentation
Theory Based Seminar
Practicals in Applied Anthroplogy
Ph.D.- Anthropology

Research Methodology and Computer Applications
Review of Concerned Litrature, Seminar and Project Work
P.G. Diploma in Forensic Science
Fundamentals of Forensic Science and Physical Evidance
Fundamentals of Criminology
Lab Course -I
Toxilogy. Forensic Chmistry and Forensic Biology
Fundamentals of Police Science
Lab Course -II
M.Sc.- Biotechnology
Cell Biology
Genetics
Microbial Physiology
Bio-molecules
Lab Course 1 (Based on paper 1 & 2)
Lab Course 2 (Based on paper 3 & 4)
Biostatistics, Bioinformatics & Computers in Biotechnology
Molecular Biology
Plant Biotechnology
Macromolecules & Enzymology
Lab Course 3 (Based on paper 5 & 6)
Lab Course 4 (Based on paper 7 & 8)
Genetic Engineering
Biology of Immune System
Bioprocess Engineering & Technology
Environmental Biotechnology
Lab Course 5 (Based on paper 9 & 10)
Lab Course 6 (Based on paper 11 & 12)
IPR, Biosafety, Bioethics and Nanobiotechnology
Advanced Techniques in Biotechnology
Animal Biotechnology
Function Genomics & Proteomics
Lab Course 7 (Based on paper 13 & 14)
Lab Course 8 (Based on paper 15 & 16)
Project Work
M.Phil.- Biotechnology
Research Methodology
Applied Biotechnology
Lab Course (Based on Theory paper 1,2)
Dissertation
Ph.D.- Biotechnology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar

CBCS
Basic Biotechnology
Applied Biotechnology
M.Sc.- Chemistry
Group theory and chemistry of metal complexes
Concepts in organic chemistry
Quantum chemistry, thermodynamics and chemical dynamics - I
Theory and applications of spectroscopy-I
Lab Course - I
Lab Course - II
Transition metal complexes
Reaction mechanisms
Quantum chemistry, thermodynamic and chemical dynamics - II
Theory and Applications of spectroscopy-II
Lab Course - III
Lab Course - IV
Resonance spectroscopy, photochemistry and organocatalysis
Chemistry of biomolecules
Catalysis, solid state and surface chemistry
Analytical techniques and data analysis
Lab Course - V
Lab Course - VI
Instrumental methods of Analysis
Natural products and medicinal chemistry
Material and nuclear chemistry
Environmental & applied chemical Analysis
Medicinal chemistry
Chemistry of surfactants
Chemistry and application of pesticides
Molecular symmetry, coordination and organometallic Chemistry
Nano Chemistry
Chemistry of natural products
Polymers
Forensic chemistry
Lab course VII Or Seminar
Lab course VIII Or Project work
Project Work
Seminar based on above project work
Ph.D.-Chemistry [Course Work]
Research methodology
Literature search technique
Instrumentation techniques
Sampling & modeling
Statistical analysis

Project based on review of Research work
Seminar
M.Phil.- Chemistry
Research Methodology in Chemistry
Medicinal and Physical Organic Chemistry
Advanced Environmental Chemistry
Chemistry of Nanomaterials
Based on Theory
Seminar based on Dissertation
Script Writing
Viva-voce
P.G. Diploma Yoga Education & Philosophy
Theoritical Yoga Vijan
Applied Yoga Vijnan
Practice Teaching (Indoor) & Practice Teaching (Outdoor/ Internship)
Practical
Practical Record & Viva- Voce
Yoga Philosophy
Hatha Yoga
Practice Teaching (Indoor) & Practice Teaching (Outdoor/ Internship)
Practical
Practical Record & Viva- Voce
M.A.- Applied Philosophy & Yoga
Yoga ke Adharbhoot Tatva - Pratham
Yoga ki Darshnik Prishthabhumi - Dwitiya
Hath Yoga Siddhant Avam Sadhana - Tritiya
Practices Exam & Internship - Chaturth
Chetna ka Adhyan - Pratham
Patanjal Yoga Sutra - Dwitiya
Yoga Avam Swastha - Tritiya
Practices Exam & Internship - Chaturth
Shrimadbhagwad Geeta Darshan Avam Yoga Sadhna ke Tatva - Pratham
Asan Aur Pranayam ka Vaigyanic Adhyan - Dwitiya
Yogic Aahar Avam Poshan - Tritiya
Practices Exam & Internship - Chaturth
Yoga-Upachar - Pratham
Sharir Avam Sharir Kriya- Vigyan - Dwitiya
Dissertation & Enternship / Educational Tour - Tritiya
Practices Exam & Internship - Chaturth
M.Phil.- Comparative Religion and Applied Philosophy
Resarch Methodology
Comparative Study of Religions
Yogic Skil Development
Ph.D.- Comparative Religion and Applied Philosophy

Research Methodology
Review/ Project Work & Seminar
CBCS
Introduction to Philosophy & Yoga - Part -1
Yog ka Vaigyanik Paksha avam Swastha
Master of Computer Applications
Object Oriened Programming With 'C++'
Relational Database Management Systems
Operating System with Case Study of Linux
Computer System Architecture
Software Engineering
Lab-I : Programming in C++
Lab-II : Programming in SQL/PL-SQL
Lab-III : Programming in Linux
Personality Development / Mock Interviews
Programming in Python
JAVA Programming
Data Structure and Algorithms
Elective – I Theory of Computations
Elective – I Advanced Computer Architecture
Elective – I Computer Graphics
Elective – II Data Ware Housing And Mining
Elective – II Internet of Things
Elective – II Mobile Computing
Lab-IV : Programming in Python
Lab-V : Programming in JAVA
Lab-VI : Programming Based on MCA203
Group Discussion
Net Technology
Computer Network & Data Communication
Artificial Intelligence
Elective – III Compiler Design
Elective – III Cyber Security
Elective – III Digital Image Processing
Elective – IV Big Data Analytics
Elective – IV Cloud Computing
Elective – IV Soft Computing
Programming Lab
Programming Practice / Mini-Project
Common Software / Mini-Project
Seminar
Advanced Programming Tools
Advanced Computer Architecture
Wireless & Mobile Communication

Open Source Software with Case Study of Linux
Elective 1. Data Warehousing and Mining
Elective 2. Theory of Computation
Elective 3. Analysis and Design of Algorithms
Programming Lab
Programming Practice / Mini-Project
Common Software / Mini-Project
Group Discussions
Net Technology
Cyber Security
Artificial Intelligence & Expert Systems
Elective 1. Soft Computing
Elective 2. Digital Image Processing
Elective 3. Management Information System
Elective 4. Advanced Mobile Communications
Elective 1. Big Data Analytics
Elective 2. Compiler Design
Elective 3. Cloud Computing and Internet of Things
Elective 4. Machine Learning and Robotics
Programming Lab
Programming Practice / Mini-Project
Common Software/Mini-Project
Seminar
System Development Project (System Design & Implementation)
M.Sc.- IT
Object Oriented Programming with C++
RDBMS and SQL
Mathematical Foundations of Computer Science
Computer System Architecture
Internet and Web Technology
Programming Lab C++
RDBMS & SQL Lab
NET Technology
Data Structures
Computer Networks & Data Communication
Operating System (with Linux as case Study)
AI & Expert Systems
Programming Lab – Based on 201
Programming Practice - Based on 202
Common Software - Based on 203/204
Personality Development / Group Discussion
Java Programming Language
Python Programming Language
Software Engineering

Elective 1. Advanced Computer Architecture
Elective 2. Data Mining & Warehousing
Elective 3. Cloud Computing
Elective 4. Digital Image Processing
Elective 1. Mobile Communication
Elective 2. Theory of Computations
Elective 3. Internet of Things
Elective 4. Analysis and Design of Algorithms
Programming Lab - Based on 301
Programming Practice - Based on 302
Common Software/Mini-Project
Managerial Skills / Seminar
Cyber Security
Soft Computing
Big Data Analytics
Project Based Seminar
Major Project
M.A.- Economics
Micro Economics
Macro Economic
Quantitative Methods
Industrial Economics
Micro Economic
Macro Economics
Research Methods and Computer Application
Labour Economics
Economics of Growth – I
International Trade - II
Public Finance - III
Environmental Economics - IV
Demography – V
Economics of Development & Planning - I
International Eco. - II
Public Eco. - III
Eco. of Social Sector & Environment - IV
CBCS
II Sem- Basic Economic Concept
III Sem - Indian Economy
M.Phil.- Economics
Research methodology
Advanced Economic Theory
Ph.D.- Economics
Methodological Aspects of Economic Research
Project work

Certificate course in Econometrics - Fundamentls of Econometrics and Mathematical Economics
M.Sc.- Master of Science in Electronics
Analog Integrated Electronics and Physics of Electronic Materials
Digital Design and Applications
Signals, Mathematical and Computational Methods in Electronics
Optical, Quantum and Organic Electronics
Lab course A: Analog Electronics
Lab course B: Digital electronics
Network Analysis and Synthesis
Microprocessor and C++ Programming
Analog and Digital Communication Systems
Electromagnetic Plane wave, Transmission lines and Microwave Devices
Lab course C: Analog and Digital Communication Lab
Lab course D: –8085 Microprocessor Programming, Study Cards and Interfacing Lab
Advanced Microprocessor and Interfacing
Data Communication, Mobile and Wireless Communication
Photonics/Instrumentation and Measurement
Power Electronics, Information Theory and Coding
Lab course E: Optical Electronics, Transducer and Instrumentation Lab
Lab course F: 8086 Microprocessor Programming, Interfacing and "C++" Programming Lab
Digital Signal Processing
Optical and Satellite Communication
Automatic Control System and Artificial Neural Network
Embedded System and Microcontroller
Lab course G: Optical Communication and 8051 Programming Lab
Project & Seminar
M.Tech.- Optoelectronics & Laser Technology
Modern Optics
Laser Technology
Optoelectronics
Optical Communication
Seminar
Comprehensive Viva voce
Photonics Lab-I
Quantum Optics (Elective)
Physics of Advanced Materials
Fiber Optics & Laser Instrumentation and Solar Photovoltaic Technologies
Optical Networks
Advance Optical Communication
Seminar
Comprehensive Viva voce
Photonics Lab-II

Photonics Materials and Devices (Elective)
Major Project Phase - I
Major Project Phase - II
Comprehensive Viva voce
Ph.D. in Electronics
Research Methodology, Quantitative Methods & Computer Applications
Review of Literature in Concerned Subject, Seminar/Project Report
CBCS
Basics of Electronics
Fundamentals of Biomedical Equipments
M.Sc.- Environmental Science
Fundamental of Ecology
Instruentation Techniques: Principle and Application
Analytical Methods in Environmental Sciences
Renewable, Non-renewable and Perpetual Resources
Lab Course - I
Lab Course - II
Meteorology and Climatology
Environmental Pollution and Control: Air and Water
Environmental Pollution and Control: Soil, Solid Waste and Radiation and Noise
Environmental Geosciences
Lab Course - III
Lab Course - IV
Environmental Toxicology
Environmental Microbiology
Environmental Biotechnology
Data Analysis in Environmental Sciences
Lab Course - V
Lab Course - VI
Remote Sensing and Geographical Information System (GIS)
Environmental Disaster and Risk
Environmental Impact Assessment, Environmental Audit and Environmental Management System Standards (EIA, EA and EMSS)
Environmental Law, Policies and Society
Dissertation
Seminar based on Dissertation
M.A./M.Sc.- Geography
Geomorphology – I
Climatology - II
Geographical Thought - III
Practical-I: Adanced Cartography -V
Economic and Natural Resource Manage- VI
Oceanography – VII
Regional Develop and Planning -VIII

Social Geography – IX
Practical-II: Map Projections, Interpretation and Surveying -X
Population Geography – XI
Settlement Geography - XII
Remote Sensing Tech.-XIII
Biogeography and Ecosystem -XIII
Research Methodology – XIV
Practical-III: Remote Sensing and Quantitative Techniques - XV
Geography of Health - XVI
Agricultural Geography – XVII
Geographical Information System- XVIII
Environmental Geography - XVIII
Field Work (Physical Socio-Economics- XIX
Practical-IV: Geographical Information system and Quantitative Techniques-XX
M.Phil.- Geography
Theory : Research Methodology and Computer Application in Geography - I
Theory : Modern Concepts and Approaches in Geography - II
Lab Course : Cartographic and Quantitative Techniques, Remote Sensing & GIS - III
Ph.D.- Geography
Research Methodology, Computer Fundamentals, Statistical tools and techniques in Geography - I
CBCS
Physical Geography
Regional Geography of India with special reference to Chhattisgarh
M.Sc.- Geology
Course - I Structural Geology
Course - II Mineralogy
Course - III Geochemistry
Course - IV Crystallography and Crystal Optics
Lab Course-I Structural Geology & Survey
Lab Course-II Crystallography, Crystal Optics, Mineralogy, Geochemistry
Course – I Igneous Petrology
Course – II Metamorphic Petrology
Course – III Sedimentology and Crustal Evolution
Course – IV Stratigraphic Principles and Indian Geology
Lab Course-I Petrology and Stratigraphy
Lab Course-II Fieldwork
Course - I Palaeontology
Course - II Ore and Fuel Geology
Course - III Geomorphology and Remote Sensing
Course - IV Mineral Exploration
Lab Course-I Ore Geology and Mineral Exploration
Lab Course-II Palaeontology, Geomorphology and Remote Sensing
Course - I Mining and Engineering Geology

Course - II Environmental Geology
Course - III Hydrogeology
Lab Course-I Hydrogeology, Engineering Geology and Mining Geology
Course-ME-I Advanced Hydrogeology
Lab Course-ME-I Advanced Hydrogeology
Course-ME-II Project Oriented Dissertation, Script Evaluation and Viva Voce on Project Dissertation
Ph.D.- Geology
Paper-I Research Methodology, Quantative Methods and Computer applications (PhD Course Work)
Paper-II Review of Literature concerning the topic of research an Seminar/Project Report (PhD Course Work)
CBCS
Fundamentals of Geology
Disaster Management
M.A.- History
Historiography (Compulsory)
Modern world 1800-1920 A.D.(Compulsory)
History of Great Britain 1815- 1885A.D. (Optional-A)
Historigraphy (Compulsory)
Contemporary world 1920-2000 A.D. (Compulsory)
Modern England 1885-1956 A.D. (Optional-A)
Tourism Theory (Optional-IV)
Tourism Theory and Principles In Reference of History (Optional-IV)
B.A. L.L.B.
English I - General English
Sociology
History
Legal History (1600-1887)
English II
Economics
Political Science I
Political Science II (Major)
Hisory II (Minor)
Economics II (Minor)
Contract I
Political Science III (Major)
Sociology II Imajor)
Political Science IV (Major)
Contract II
Jurisprudence and Legal Theory
Law of Torts including Motor Vehicle Act
Law of Crimes I (IPC)
Law of Crimes II (Cr.P.C.)
Law of Evidence

Constitutional Law I
Constitutional Law II
Environmental Law
Fimily Law I (Hindu Law)
Family Law II (Muslim Law)
Administrative Law
Practicle Professional Ethics
Labour and Industrial Law I
Labour and Industrial Law II
Human Rights and PIL
Insurance Law
Practicle (ADR)
Intellectual Property Law
Company Law
Law of Taxation
Practicle Moot Court
Transfer of Property Act
Civil Procedure Code
Interpretation of Statutes
Criminology and Penology
Practical (Drafting, Pleading and Conveyancing)
L.L.M.
Legal and Constitutional History
Constitutional Law New Challenges I
Constitutional Law New Challenges II
Research Methodology
Jurisprudence and Legal Theory
Interpretation of Statutues and Theory
Human Rights and Environmental Development
Constitutional Law of UK / Criminology I
Constitutional Law of USA / Penology
Constitutional Law of Canada & Australia / General Principle of Criminal law (IPC)
Constitutional Law of Japan and Switzerland / Law of Evidence
Administrative Law (UK, USA, French and India)/ Specific Torts
Dissertation
Viva Voce
Ph.D.- Law
Research Methodology
CBCS
General Law
B.Lib. & I.Sc.
Library Organization and Management
Library Cataloguing and Bibliography
Reference sources and Services

Documentation and Information Services
Computer Application in Libraries
Library Classification(Theory)
Library Classification(Practice)
Library cataloguing (Practice)
M.Lib. & I.Sc.
Foundation of Information Science
Knowledge Organisation & Information Processing
Research Methods & Statistical Techniques
Management of Library & Information Centres/Institution
Information Processing and Retrieval (Practice-I)
Information Retrieval
Information Sources, Products and Services
Information Technology: Basics & Applications
Management Information Systems.
Information Processing & Retrieval (Practice – II)
Ph.D.- Library Science
Research Methodology
ICT and Computer Literacy
M.Sc.- Bioscience
Cell Biology
Bio molecules
Microbiology
Biology of Immune System
Lab Course I (Based on Theory papers I & II)
Lab Course II (Based on Theory papers III & IV)
Genetics and Molecular Biology
Bioenergetics and Metabolism
Instrumentation and Techniques
Biometry, Computer and Scientometry
Lab Course I (Based on Theory papers I & II)
Lab Course II (Based on Theory papers III & IV)
Molecular Plant Physiology
Ecology and Environmental Biology
Animal Physiology
Developmental Biology and Evolution
Lab Course I (Based on Theory papers I & II)
Lab Course II (Based on Theory papers III & IV)
Molecular Endocrinology
Plant Biotechnology
Parasitology/Basic Chronobiology/Ethnobotany
Immunology/ Applied chronobiology/Secondary Metabolites
Lab Course I (Based on Theory papers I & II)
Lab Course II (Based on Theory papers III & IV)

M.Sc.- Biochemistry
Cell Biology
Bio molecules
Microbiology
Biology of Immune System
Genetics and Molecular Biology
Bioenergetics and Metabolism
Instrumentation and Molecular Techniques
Biometry Computer and Scientometry
Genetic Engineering - I
Plant Physiology and Biochemistry - II
Nutritional and Environmental Biochemistry - III
Enzymology - IV
Plant Biotechnology - I
Seed Science Tech. - II
Clinical Biochemistry and Endocrinology- III (Spl. Paper- A)
Nutraceuticals and Functional Foods- III (Spl. Paper- B)
Adv. Immunology, Diagnostics and Prophylaxis – IV (Spl. Paper- A)
Bioinformatics – IV (Spl. Paper- B)
M.Sc.- Microbiology
Cell Biology
Bio molecules
Microbiology
Biology of Immune System
Lab Course I (Based on paper I& II)
Lab Course II (Based on paper III & IV)
Genetics and Molecular Biology
Bioenergetics and Metabolism
Instrumentation and Molecular Techniques
Biometry Computer and Scientometry
Lab Course I (Based on paper I& II)
Lab Course II (Based on paper III & IV)
Microbial Physiology - I
Fermentation Technology - II
Environmental Microbiology - III
Medical Microbiology - IV (I)
Lab Course I (Based on paper I & II)
Lab Course II (Based on paper III & IV)
Microbial Biotechnology - I
Advance Immunology diagnostics and Prophylaxis-II
Food Microbiology - III (Spl. Paper- A)
Microbial Ecology- III (Spl. Paper- B)
Agricultural Microbiology – IV (Spl. Paper- A)
Industrial Microbiology- IV (Spl. Paper- B)

Lab Course I (Based on paper I& II)
Lab Course II (Based on paper III & IV)
Ph.D.- Bioscience
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Biochemistry
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Microbiology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Botany
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
Ph.D.- Zoology
Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
Review of Literature & Seminar
CBCS
Environmental Toxicology
Economic Zoology
Vector Borne Diseases
Rhythms in Life
M.A.- Linguistics
Functionality Functionality of Language
Phonetics and Phonemics-I
Morphology-I
Semantics
Stylistics
Phonetics and Phonemics-II
Morphology-II
Syntax
Language and Society
Psycholinguistics and Second Language Teaching
Field- Method
Translation
Communicative Hindi
Communicative English (A)
Discourse- Analysis
M.A.- English
Poetry I

Drama I
Prose I
Fiction - I
Language Management And Communication Skills I
Poetry II
Drama II
Prose II
Fiction II
Language Management and Communication Skill - II
Critical Theory - I
Indian Writing In English - I
American Literature - I
(A) Linguistics - I
(B) English Language Teaching
(A) New Literatures In English - I
(B) Research Methodology And Computer Application - I
Critical Theory - II
Indian Writing In English - II
American Literature - II
(A) Linguistics - II
(B) English Language Teaching
(A) New Literatures in English - II
(B) Research Methodology And Computer Application - II
M.A.- Hindi
Aadikaal Evam Purva Madhyakaal
Prachin Evam Madhyakalin Kavya
Chhayawad Evam Purvavarti Kavya
Natak, Ekanki, Evam Paritatmak Kriti
Uttar Madhyakaal Evam Aadhunik Kaal
Madhyakalin Kavya
Prayogwadi Evam Prgativadi Kavya
Upanyas Nibandh Evam Kahani
Sahitya Ke Siddhant Tatha Aalochana Shashtra
Bhasha Vigyan
Kamkaji Hindi Evam Patrakarita
Bhartiya Sahitya
Hindi Aalochana Evam Samiksha Shashtra
Hindi Bhasha
Media Lekhan Evam Anuvad
Janpadiya Bhasha Aur Sahitya (Chhattisgarhi)
Diploma in European and Asian Languages- English
Sounds and Grammar
Translation and Comprehension
Diploma in National Language- Sindhi

Dhwaniya Aur Vyakaran
Sindhi Bhasha Aur Anuvad
Diploma in European and Asian Languages- French
Paper-I Text and Grammar
Translation and Comprehension
Certificate in Translations
Theory of Translation
Practice of Translation
M.Phil.- Linguistics
Research Methodology
Grammar Theoretical & Practical
Language Teaching Methods Semester- II
Seminar -Based on Theory
Dissertation – Based on Dissertation
Script Writing
Viva Voice
M.Phil.- Hindi
Saddhantik -1 Anusandhan Ki Pravidhi Aur Prakriya
Saiddhantik -2 Hindi Sahitya Ki Vaicharik Prishtbhumi
Sodh Karya
Script Writing
Laghu Sodh Prabandh Par Adahrit Seminar
Maukhiki
M.Phil.- English
1. Research Methodology
2. Contemporary Literary Criticism
3. Colonial & Post- Colonial Studies
4. Seminar Based On Theory Papers (1,2,3)
5. Dissertation- Script Writing
Seminar On Dissertation
Viva
Ph.D.- Linguistics
Research Methodology & Computer Fundamentals
Review of Literature & Seminar
Ph.D.- English
Research Methodology & Computer Application
Dissertation, Project, Script
Ph.D.- Hindi
Anusandhan Ki Pravidhi Prakriya Aur Computer Ka Anuprayog
Samandhit Sahitya Ka Punarvlokan Seminar Evam Project Karya
D. Litt. Linguistics
D. Litt. Hindi
Master of Business Administration
Management Concepts and Process

Organisational Behavior
Quantitative Methods
Managerial Economics
Accounting for Managers
Information Technology with computer Lab
Environment and Management
Business Legislations
Industry Based Project - I
Managerial Communication
Management Science
Human Rtesource Management
Financial Management
Marketing Management
Production Management
Research Methodology
Business Ethics & Indian Ethos
Industry Based Project - II
Organisational Effectiveness and Change
International Business
Management Information System
Marketing Research & Consumer Behaviouir
Sales & Advertising Management
Industrial & Service Marketing
Security Analysis and PortfolioManagement
Management of Financial Services
Human Resource Development
Legal Framework of HRM
System Analysis & Design
RDBMS & SQL Concepts
Training Report and Viva
Strategic Management
Retailing Management
Corporate Social Responsibility
International Marketing
International Finnacial Management
Project Planning, Analysis & Management
Compensation Management
Management of Industrial Relations
Business Process Re-Engineering & ERP
Fundamentals of Computer Architecture
Ph.D.- Management
Research Methodology
Review of Literature and Seminar
CBCS

Management Concepts and Process
Managerial Communication
M.Sc./M.A.- Mathematics
Advanced Abstract Algebra - I
Real Analysis - I
Topology-I
Advanced Complex Analysis - I
Advanced Discrete Mathematics - I
Advanced Abstract Algebra - II
Real Analysis - II
General and Algebraic Topology - II
Advance Complex Analysis (II)
Advanced Discrete Mathematics II
Integration Theory and Functional Analysis - I
Partial Differential Equations & Mechanics - II
Fundamentals of Computer Sc. - III (Opt.- A)
Fuzzy set and their application - III (Opt. – C)
Mathematical Biology (I) - III (Opt. - D)
Operations Research (I) - IV (Opt. - A)
Wavelets (I) - IV (Opt. - B)
Programming in - C (With ANSI features) - I - V (Opt. - A)
Graph Theory - I - V (Opt.- B)
Functional Analysis (II) - I
Partial Differential Equations and Mech. (II) - II
Operating System and Database Manag. System (II) - III (A)
Fuzzy Sets and their application - II (Opt. - B)
Mathematics Bilogy (C)
Operations Research (II) - IV (Opt. - A)
Wavelets (II) - IV (Opt. - B)
Programming in "C" (with ANSI feature) (II) - V (Opt. - A)
Graph Theory (II) - V (Opt. - B)
M.Phil.- Mathematics
Nonlinear Functional Analysis
Cryptography
Research Methodology
Dissertation
Ph.D.- Mathematics
Course work (Research Methodology , Latex, MATLAB)
Review of Literature & Seminar
CBCS
Elementary Mathematics for Finance and Economics
Elementary Mathematics for Social Sciences
Bachelor of Pharmacy
Human Anatomy and Physiology I–Theory

Pharmaceutical Analysis I – Theory
Pharmaceutics I – Theory
Pharmaceutical Inorganic Chemistry –Theory
Communication skills – Theory *
Remedial Biology – Theory*
Remedial Mathematics – Theory*
Human Anatomy and Physiology –Practical
Pharmaceutical Analysis I – Practical
Pharmaceutics I – Practical
Pharmaceutical Inorganic Chemistry –Practical
Communication skills – Practical*
Remedial Biology – Practical*
Human Anatomy and Physiology II – Theory
Pharmaceutical Organic Chemistry I – Theory
Biochemistry – Theory
Pathophysiology – Theory
Computer Applications in Pharmacy – Theory *
Environmental sciences – Theory *
Human Anatomy and Physiology II –Practical
Pharmaceutical Organic Chemistry I– Practical
Biochemistry – Practical
Computer Applications in Pharmacy – Practical*
Pharmaceutical Organic Chemistry II – Theory
Physical Pharmaceutics I – Theory
Pharmaceutical Microbiology – Theory
Pharmaceutical Engineering – Theory
Pharmaceutical Organic Chemistry II – Practical
Physical Pharmaceutics I – Practical
Pharmaceutical Microbiology – Practical
Pharmaceutical Engineering –Practical
Pharmaceutical Organic Chemistry III– Theory
Medicinal Chemistry I – Theory
Physical Pharmaceutics II – Theory
Pharmacology I – Theory
Pharmacognosy and Phytochemistry I– Theory
Medicinal Chemistry I – Practical
Physical Pharmaceutics II – Practical
Pharmacology I – Practical
Pharmacognosy and Phytochemistry I – Practical
Medicinal Chemistry II – Theory
Industrial PharmacyI– Theory
Pharmacology II – Theory
Pharmacognosy and Phytochemistry II– Theory
Pharmaceutical Jurisprudence – Theory

Industrial Pharmacy I – Practical
Pharmacology II – Practical
Pharmacognosy and Phytochemistry II –Practical
Medicinal Chemistry III – Theory
Pharmacology III – Theory
Herbal Drug Technology – Theory
Biopharmaceutics and Pharmacokinetics –Theory
Pharmaceutical Biotechnology – Theory
Quality Assurance –Theory
Medicinal chemistry III – Practical
Pharmacology III – Practical
Herbal Drug Technology – Practical
Instrumental Methods of Analysis – Theory
Industrial PharmacyII – Theory
Pharmacy Practice – Theory
Novel Drug Delivery System – Theory
Instrumental Methods of Analysis – Practical
Practice School*
Biostatistics and Research Methodology
Social and Preventive Pharmacy
Pharma Marketing Management
Pharmaceutical Regulatory Science
Pharmacovigilance
Quality Control and Standardization of Herbals
Computer Aided Drug Design
Cell and Molecular Biology
Cosmetic Science
Experimental Pharmacology
Advanced Instrumentation Techniques
Dietary Supplements and Nutraceuticals
Project Work
Master of Pharmacy
Modern Pharmaceutical Analytical Techniques
Drug Delivery System
Modern Pharmaceutics
Regulatory Affair
Pharmaceutics Practical I
Seminar/Assignment
Molecular Pharmaceutics (Nano Tech and Targeted DDS)
Advanced Biopharmaceutics & Pharmacokinetics
Computer Aided Drug Delivery System
Cosmetic and Cosmeceuticals
Pharmaceutics Practical II
Seminar/Assignment

Research Methodology and Biostatistics*
Journal club
Discussion / Presentation (Proposal Presentation)
Research Work
Journal Club
Research Work
Discussion/Final Presentation
Ph.D.- Pharmacy
Course work and Research Methodology
CBCS
Drug Standardization of natural origin
Intellectuals and property rights
Cosmetic technology
Bachelor of Physical Education
History, Principles and foundation of physical Education
Anatomy and Physiology
Health Education and Environmental Studies
Officiating and Coaching (Elective)
Track & Field (Running events)
Gymnastics
Indigenous Sports: Kabaddi
Mass Demonstration
Yoga Education
Education Technology And Methods Of Teaching In Physical Education
Organization and Administration
Sports Nutrition and Weight Management (Elective)
Track & Field (Jumping events)
Yoga/Aerobics
Racket Sports: Badminton/Table Tennis
Teaching Practice (Classroom And Outdoor)
Sports Training
Computer Applications In Physical Education
Sports Psychology and Sociology
Sports Medicine, Physiotherapy and Rehabilitation
Track & Field (Throwing events)
Combative Sports : Martial Art, Judo
Team Games : Cricket, Volleyball
Teaching Practice (Teaching Lesson Plans For Racket Sports /Team Games/Indigenous Sports)
Measurement and Evaluation in Physical Education
Kinesiology and Biomechanics
Research and Statistics in Physical Education
Sports Management (Elective)
Gymnastics

Football/Hockey
Sports Specialization: Coaching Lessons Plans, Track And Field
Game Specialization Coaching Lessons:Kabaddi/kho-kho/Baseball/Cricket/Football/Hockey/Softball/Volleyball/Handball/Basketball/Netball/Badminton/Table-Tennis/Squash/Tennis (Any of one out of these)
Master of Physical Education
Professional Preparation and Curriculum Designs - I
Test Measurements and Evaluation in Physical Education - II
Exercise Physiology - III
Management of Physical Education – IV
Training Method
Bio-Mechanics
Research Process
Statistics and Computer
Scientific Coaching Methods - I
Sports Psychology - II
Sports Medicine - III
Specialization Theory - IV (Table Tennis)
Specialization Theory - IV (Khokho)
Specialization Theory - IV (Handball)
Specialization Theory - IV (Volley Ball)
Specialization Theory - IV (Archery)
Specialization Theory - IV (Football)
Specialization Theory - IV (Cricket)
Specialization Theory - IV (Badminton)
Specialization Theory - IV (Hockey)
Specialization Theory - IV (Boxing)
Specialization Theory - IV (Judo)
Specialization Theory - IV (Basketball)
Specialization Theory - IV (Kabbadi)
Specialization Theory - IV (Athletics)
Specialization Theory - IV (Gymnastics)
Specialization Theory - IV (Wrestling)
Specialization Theory - IV (Yoga)
Specialization Theory - IV (Netball)
Specialization Theory - IV (Lawn Tennis)
Specialization Theory - IV (Taiquando)
Specialization Theory - IV (Swimming)
Specialization Theory - IV (Baseball)
Specialization Theory - IV (Karate)
Specialization Theory - IV (Weight Lifting)
Specialization Theory - IV (Soft ball)
Specialization Theory - IV (Ball Badminton)
Health Education – I
Psychology of Coaching and Counselling - II

Sports Physiotherapy -III
Foundation of Physical. Education and Current trends - IV
CBCS
Physical Education, Heallth
Yoga Education
Ph.D.- Physical Education
Research Process,Stastics and Computer Application
Review of Litrature, Seminar, Project Work
M.Sc.- Physics
Mathematical Physics
Classical Mechanics
Electrodynamics & Plasma Physics
Electronics
General & Optics
Electronics
Quantum Mechanics-I
Statistical Mechanics
Electronic & Photonic Devices and Optical Modulators
Computational Physics & Computer Programming
Numerical Analysis & Computer Programming
Digital Electronics & Microprocessor
Quantum Mechanics-II
Atomic & Molecular Physics
Solid State Physics-I
Astronomy & Astrophysics-I
Electronics (Communication-I)
Physics of Nano-material-I
Space Physics-I
Lab Course - Materials Science & General
Lab Course - Astronomy & Astrophysics
Lab Course - Electronics (Communication)
Lab Course - Physics of Nano-material
Lab Course - Space Physics
Nuclear & Particle Physics
Laser Physics and Applications
Solid State Physics-II
Astronomy & Astrophysics-II
Electronics (Communication-II)
Physics of Nano-material-II
Space Physics-II
Project Work
Ph.D.- Physics
Research Methodology, Quantitative Methods & Computer Applications
Review of Literature in Concerned Subject, Seminar/ Project Report

M.A.- Psychology
Basic Psychology Process - I
Social Psychology
Basic Research Methodology
Psychopathology
Basic Psychology Process – II
Group Processes and Cultural Psychology
Advanced Research Methodology
Physical Psychology & Health Behaviour
Personality and Indigenous Psy. – XI
Psy. Arsessonent - XII
Organizational Behaviour - XIII
Human Resource Development and Management - XIV
Education and Instructional Psy.
Basic of Psychological Guidance and Counselling - XIV
Clinical Diagnosis -I - XIII
Psychotherapeutic Counselling – XIV
Life Span Development - XVI
Psychological Assessment - II - XVII
Psychology of Management - II - XVIII
Human Resource Develop. and Management - II – XIX
Education and Instructional Psychology - II - XVIII
Basic of Psychological Guidance and Counselling - II – XIX
Clinical Diagnosis and Community mental Health - XVIII
Psychotherapeutic Counselling - XIX
Practicum (Field Work)
CBCS
Psychology of Everyday lives
Mental Health: Prevention and promotion
P.G.Diploma in Guidance and Counselling
Psychological guidance
Counselling theories and Techniques
Field Exploration (Internship Programme)
Lab Practical
P.G. Diploma in Rehabilitation Counselling
Disability and Rehabilitation
Psychosocial Issues in Disability
Rehabilitation Assessment and counseling
Community Based Rehabilitation
Rehabilitation Interventions and viva voce
P.G. Diploma in Rehabilitation Psychologist
Lab Practical/Internship
M.Phil.- Psychology
Research Methods and Advanced Statistics

Clinical Psychology Group - A
Educational Psychology Group - B
Organizational Behaviour Group - C
Paper – III Lab Course
Ph.D.- Psychology
Ph.D. Course Work
M.A.- Rural Development
Rural Develoment -Indian Context
Rural Development Planning and Management
Rural Development programme and evaluation
Rural social problem
Panchayati Raj and rural Administration
Urban Planning
Rural Economy and Industrialization
Rural Health Care
Scientific Research methdology in Rural Development
Tribal Development
Communication and Extension in Rural Development
Rural Social development
Voluntary action in rural development
Land Reforms and Rural Development
Project Report based on field work
Entrepreneurship and rural development
Natural Resources and Sustainable Development
Resources and livelihood management
Internship
P.G. Diploma in Regional Planning and Development
Regional Planning and Development
Research Methods and Computer Application
Tribal Development
Field based minor project on urban planning
Research and development based regional needs
Rural Marketing and finance
Dissertation/Field Report
Ph.D.- Regional Studies
Research Methodology & Fundamental of Computer
Project based on review of Research work
CBCS
Applied Research Methodology
Corporate Social Responsibility
M.A.- Sociology
Classical Sociological Tradition
Philosophical & Conceptual Foundation of Research Methodology
Rural Sociology

Practical-I
Classical Sociological Thinkers
Quantitative Research Techniques in Sociology
Sociology of Development
Indian Rural Society
Practical-II
Classical Sociological Theories
Criminology
Modern Sociological Theories
Comparative Sociology
Contemporary Issues in Industry
Criminology- Correctional Administration
Project Report
Master of Social Work
Population and Environment
Working with Groups/Group Work
Social Work Research - Qualitative Method
Human Growth and Development
Social Work History and Ideology - Western Perspective
Political Economy of Development
Process and Evolution of Group Formation
Social Work Research Quantitative Method
Social Work Practicum
Social work Personal Training and Development
Family Social Work
Social Development
Integrated Social Work Practice
Research Project with Block Placement and Field Work Report
CBCS
Basic Concept of Socilogy
M.Phil.- Sociology
Gender and Society
Research Methodology: Quantitative Techniques,Computers
Ph.D.- Sociology
Methodological aspect of Sociological Research (Ph.D Course Work)
M.A./M.Sc.- Statistics
Real Analysis
Statistical Methods
Probability Measure
Applied Statistics
Lab Course-I
Lab Course-II
Linear Algebra
Statistical Computing

Stochastic Processes
Sampling Theory
Lab Course-I
Lab Course-II
Multivariate Analysis
Inference – I
Operation Research - I
Statistical Quality Control
Lab Course-I
Lab Course-II
Design of Experiment
Inference – II
Operation Research – II
Elective A- Reliability and Life Testing
Elective B- Demography
Elective C- Econometrics
Lab Course-I
Project work
CBCS
Basic Statistics - I
Basic Statistics - II
Ph.D.- Statistics
Research Methodology - Course Work
Review of Litterature/ Seminar/ Project Report - Course Work
Bachelor of Education
Philosophical Perspectives of Education
Nai Talim : An Experiential Learning
Pedagogy of Mathematics
Pedagogy of Biological Science
Pedagogy of Physical Science
Pedagogy of Social Science
Pedagogy of Language (English)
Pedagogy of Language (Hindi)
Preparation of Teaching Aids
Community Activities
Sociological Perspectives of Education
Learner and Learning Process
Art Education
Educational and Mental Measurement
Educational Technology and Management
Educational Administration and Management
Curriculum and Knowledge
School Internship (2 weeks)
Pedagogy of Mathematics

Pedagogy of Biological Science
Pedagogy of Physical Science
Pedagogy of Social Science
Pedagogy of Language (English)
Pedagogy of Language (Hindi)
Nai Talim : Skill Based learning
School Internship (18 weeks)
Reflective Diary
Gender, School and Society
Assessment in Learning
Computer Education
Inclusive Education
Teaching of Values
Psycho - Metric Assessment
Viva Voce on Teaching Experience
Master of Education
Philosophical Perspectives of Education
Sociological Perspectives of Education
Educational Technology
Teacher Education
Strengthening Language Proficiency
Exploring Liberary Resources
Introduction of Research Methodology in Education
Psychological Perspective of Education
Educational Guidance and Counselling
Education for the differently abled
Proposal of Dissertation
Internship, School Based Activities
Economic and Political Perspectives of Education
Advanced Education Statistics
Education Administration
Gender Perspectives in Education
Psycho-Metric Assessment
Curriculum Development
Educational Guidance and Counselling
Education for the differently abled
Academic Writing
Dissertation
Viva Voce on Dissertion
Certificate Course in Community based Participatory Research (CBPR)
Project Work
Certificate Course in Women Law & Gender Justice
Women Law & Gender Justice
Project Work

Bachelor of Vocation in Renewable Energy Technology and Management
Fundamentals of Electronics
Business Communication
Energy Sources and Energy Scenario
Applied Physics
Rooftop Solar PV Power Plant Installation- I
Rooftop Solar PV Power Plant Installation- II
Wind Energy
Wind Turbine Generator
Laboratory I (Electronics Lab)
Laboratory II (Photovoltaic Lab)
Environmental Sciences
Industrial Electronics and Instrumentation
Biomass Mass Power Generation Systems
Report Writing
Waste to Energy Conversion Systems
Design of Solar PV Power Plant – I
Design of Solar PV Power Plant – II
Installation and Commissioning of Solar PV Power Plant
Laboratory III (Computer lab)
Laboratory IV (Renewable Energy lab)
Innovations in Science
Applied Mathematics
Mechanics & Thermodynamics for Energy Application
Electrical Systems
Solar PV Power Plant and Components
Programming C++/Java
Solar Water Pumping System
Evaluation and Monitoring for Wind Power Plant
Laboratory V (Digital Electronics)
Laboratory VI (Renewable Energy lab)
Energy Management, Auditing and Utilization
Power Electronics
Control and Embedded Systems
Material Science for Energy Applications
Solar Thermal Technologies
Concentrating Solar Thermal Systems
Engineering Drawing
Solar Thermal Systems
Workshop Practices I/Minor Project
Solar Business Solutions
Health and Safety Practices at Project Site
Energy in Buildings
Energy Modeling & Project Management

Energy Efficiency in Electrical Utilities
Hydrogen Energy and Fuel Cells
Smart and Micro-Grid
Energy Efficiency in Thermal Utilities
Workshop Practices II
Industrial Training
Major Project
M.Sc.- Integrated
Biology I (Introductory Biology)
Chemsitry I (Bonding and Structure)
Physics I (Classical Physics)
Mathematics-I (for PCM Group)
Mathematics I
Computer Basics
Communication Skills
Creative Hindi
Biology Laboratory
Chemistry Laboratory
Physics Laboratory
Computer Laboratory
Communication Skills (Lab)
Biology II (Introduction to Macromolecules)
Chemistry II (Chemical thermodynamics)
Physics II (Optics, Electricity & Magnetism)
Mathematics II (For Physics and Chemistry Group) Calculus of several variables)
Mathematics II (For Mathematics Stream Only) Calculus of several variables)
Mathematics II (For Biology Stream)
Electronics and Instrumentation
Glimpses of Contemporary Science
Environmental Studies
Biology Laboratory
Chemistry Laboratory
Physics Laboratory
Electronics Laboratory
Prayojan Mulak Hindi
Essential Mathematics for Chemistry & Biology
World Literature
Computational Laboratory and Numerical Methods
Earth Sciences and energy and environmental Sciences
Physical & Chemical kinetics
Organic Chemistry -I
Introductory Spectroscopy
Analytical Chemistry

History & Philosophy of Science
Communication Skills Lab
Applied Electronics Laboratory
Organic Chemistry -I
Ethics of Science and IPR
Biophysical Chemistry
Statistical techniques and Applications
Scientific Writing
Ethics of Science and IPR
Numerical Analysis
Numerical Methods Laboratory
Ethics of Science and IPR
Numerical Methods Laboratory
Biochemistry – I
Cell Biology - I
Biology Laboratory
Cell Biology - II
Biochemistry – II
Biology Laboratory
Genetics
Molecular Biology
Biodiversity
Biology Laboratory
Immunology
Animal Physiology
Plant Physiology
Microbiology
Biology Laboratory
Nrurobiology
Immunology II
Developmental Biology
Imaging Tachnology in Biological Research
Reading Project
Advanced Biology Laboratory
Virology
Biotechnology I
Bioinformatics
Biotechnology II
Advanced Biology Laboratory
Project
Project
Protiomics and Genomics
Nanobiotechnology
Plants and Human Welfare

Plant Genetic engineering
Evolutionary Biology
Plant -Microbe Interaction
Animal Tissuw Culture
Inorganic Chemistry-I
Chemistry Laboratory
Properties of Matter
Group Theory
Chemistry Laboratory
Quantum Chemistry
Inorganic Chemistry-II
Organic Chemistry -II
Chemistry Laboratory
Atomic and Molecular Spectroscopy
Inorganic Chemistry III
Organic Chemistry III
Nuclear Chemistry
Chemistry Laboratory
Photochemisty
Chemical Biology
Organometallics and Bioinorganic Chemistry
Physical Organic Chemistry
Reading Project
Advanced Chemistry Laboratory I
Chemistry of Materials
Macro and Supramolecular Chemistry
Reaction Dynamics
Computational Chemistry
Advanced Chemistry Laboratory II
Project
Project
Environmental Chemistry
Inorganic Rings Cages and Cluters
Medicinal Chemistry
Nano Science and Technology
Surface and Colloidal Chemistry
Heterocyclic Chemistry
Advanced Polymer Chemistry
Mathematical Physics I
Classical Mechanics I
Electromagnetism
Waves and Oscillations
Physics Laboratory III
Applied Electronics Laboratory

Mathematical Physics II
Quantum Mechanics I
Statistical Machenics I
Physcics Laboratory IV
Quantum Mechanics II
Classical Mechanics II
Atomic and Molecular Physics
Physics Laboratory V
Electrodynamics
Nuclear Physics – I
Condensed Matter Physics – I
Lasers
Nonlinear Dynamics and Chaos
Physics Laboratory VI
Fluid Mechanics
Quantum Mechanics III
Statistical Mechanics II
Reactor Physics and Radiation Science
Reading Project
Advanced Physics Laboratory
Astronomy and Astrophysics
Accelerator Physics and Applications
Nuclear and Particle Physics
Condensed Matter Physics – II
Advanced Physics Laboratory II
Project
Project
Quantum Field Theory
General Realtivity and Cosmology
Experimental Techniques
CCD Imaging and Spectroscopy
Biophysics
Particle Physics
Foundations
Analysis I
Algebra l
Discrete Mathematics
Computational Mathematics I
Computation Mathematics Laboratory
Analysis II
Algebra II
Elementry Number Theory
Topology I
Statistical technique Laboratory

Analysis III
Algebra III
Topology II
Probability Theory
Analysis IV
Algebra IV
Differential Geometry & Applications
Differential Equations & Dynamical Systems
Computational Mathematics II
Functional Analysis
Cummuulative Algebra
Differential Topology
Partial Differetial Equations
Representation theory of finite Groups
Project
Fouries Analysis
Algebric Number Theory
Algebric Tolology
Stochastic Analysis
Computational Mathematics III
Project
Dynamicak Systems using Matlab
Mathematical Biology
Financial Mathematics
Non-linear Analysis
Operations Research
Introduction to Cryptography
Introduction to Nonlinear Optimization