पंडित रविशंकर शुक्ल विश्वविद्यालय, रायपुर छत्तीसगढ़ भारत
Pt. Ravishankar Shukla University, Raipur Chhattisgarh, India
Estd-1964 – recognized by UGC U/s 2(f) and 12 (B)
NAAC "A" Grade

Courses Having Employability, Entrepreneurship and Skill Development

1.1.3 Courses Having Employability, Entrepreneurship and Skill Development

Program name	Course name
M.A.- Master of Arts 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
	Political and Cultural History of Chhattisgarh Part--I
	History of Archaeology Part—I
	Numismatics Part-II
	Epigraphy & Palaeography Part-II
	Political and Cultural History of Chhattisgarh Part-II
	History of Archaeology Part-II
	Survey and Field Work
	Element of Ancient Indian History & Archaeology (CBCS)
	Elements of Ancient Indian Culture & Religion (CBCS)
Ph.D.- Doctor of Philosophy AIHCA	Course I Research Methodology (Theoretical)
	Course II Basic of Computer Application (Theoretical & Practical)
P.G. Diploma in Tourism & Hotel Management	Paper No.-1 Tourism: Concepts, Policy& Planning
	Paper No.-2 Tourism Products of India.
	Paper No.-3 Travel Agency, Tour Operation & Marketing for Hospitality & Tourism
	Paper No.-4 Hotel Management
	Paper No.-5 Architecture Part-I
	Paper No.-6 Project Report
	Paper No.-7 Viva-Voce
	Paper No.-8 Professional Training
M.A./ M.Sc.- Master of Arts/ Master of Science 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
	Basics in Anthropology (CBCS)
	Application of Anthropology (CBCS)
Ph.D.- Doctor of Philosophy Anthropology	Research Methodology and Computer Applications
	Review of Concerned Literature, Seminar and Project Work
P.G. Diploma in Forensic Science	Fundamentals of Forensic Science and Physical Evidence
	Fundamentals of Criminology
	Lab Course -I
	Toxicology. Forensic Chemistry and Forensic Biology
	Fundamentals of Police Science
	Lab Course -II
M.Sc.- Master of Science 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
	Basic Biotechnology (CBCS)
	Applied Biotechnology (CBCS)
Ph.D.- Doctor of Philosophy Biotechnology	Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
	Review of Literature & Seminar
Ph.D.- Doctor of Philosophy Botany	Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
	Review of Literature & Seminar
M.Sc.- Master of Science 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
	Analytical techniques and data analysis (CBCS)
	Instrumental methods of analysis (CBCS)
	Resonance Spectroscopy and Photochemistry (CBCS)
	Chemistry of Biomolecules (CBCS)
	Nanochemistry and its applications (CBCS)
Ph.D.- Doctor of Philosophy Chemistry	Course-I
	Course-II
	Seminar
M.A.- Master of Arts 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
	Introduction to Philosophy & Yoga - Part -1 (CBCS)
	Yog ka Vaigyanik Paksha avam Swastha (CBCS)
Ph.D.- Doctor of Philosophy Comparative Religion and Philosophy	Research Methodology
	Review/ Project Work & Seminar
P.G. Diploma Yoga Education & Philosophy	Theoretical Yoga Vijnan
	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.C.A.- Master of Computer Applications	Object Oriented 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.- Master of Science (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
	Computer Networking & Web Technology (CBCS)
	Essential of information Technology (CBCS)
Ph.D.- Doctor of Philosophy Computer Science	Research Methodology, communication system and paralleled computing
	Review of Research Paper
	Research and Publication Ethics
M.A.- Master of Arts 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
	Basic Economic Concept (CBCS)
	Indian Economy (CBCS)
Ph.D.- Doctor of Philosophy Economics	Methodological Aspects of Economic Research
	Project work
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.- Master of Technology in 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
M.Sc.- Master of Science in Electronics	Basics of Electronics (CBCS)
	Fundamentals of Biomedical Equipments (CBCS)
Ph.D.- Doctor of Philosophy in Electronics	Research Methodology, Quantitative Methods & Computer Applications
	Review of Literature in Concerned Subject, Seminar/Project Report
M.Sc.- Master of Science Environmental Science	Fundamental of Ecology
	Instrumentation 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
Ph.D.- Doctor of Philosophy Environmental Science	Research Methodology, Quantitative Methods & Computer Applications
M.A./M.Sc.- Master of Arts/Master of Science Geography	Geomorphology – I
	Climatology - II
	Geographical Thought - III
	Geography of India - IV
	Practical-I: Advanced 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
	Physical Geography (CBCS)
	Regional Geography of India with special reference to Chhattisgarh (CBCS)
Ph.D.- Doctor of Philosophy Geography	Research Methodology, Computer Fundamentals, Statistical tools and techniques in Geography - I
	Review of Concerned Literature Seminar and Project Work
M.Sc.- Master of Science 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.- Doctor of Philosophy Geology	Paper-I Research Methodology, Quantitative Methods and Computer applications (PhD Course Work)
	Paper-II Review of Literature concerning the topic of research an

	Seminar/Project Report (PhD Course Work)
M.Sc.- Master of Science Geology	Fundamentals of Geology (CBCS)
	Disaster Management (CBCS)
P.G. Diploma in Remote Sensing & GIS	Remote Sensing & Digital image Processing
	GIS, GPS, Digital Cartography & Surveying
	Application of RS&GIS
	Lab Course: Image Processing
	Lab Course: Digital Cartography & GIS
	Lab Course: Application of RS& GIS
	Field work + Project + Viva-Voce
P.G. Diploma in Applied Hydrogeology	Groundwater occurrence, Movement, Distribution & Hydraulics
	Groundwater Regime Monitoring and Assessment
	Pract.: Groundwater Occurrence, Movement, Distribution & Hydraulics
	Pract.: Groundwater Regime Monitoring and Assessment
	Pract.: Dissertation
M.A.- Master of Arts History	Historiography (Compulsory)
	Modern world 1800-1920 A.D.(Compulsory)
	Ancient and Medieval Chhattisgarh (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 Chhattisgarh (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 (Beginning to 1526 A.D.) (Optional-II)
	Indian Constitution and Administrative System (Optional -III)
	Tourism Theory (Optional-IV)
	First - Indian Polity 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 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)
	Main Currents of Indian Freedom Movement (CBCS)
	Art And Culture of Chhattisgarh (CBCS)
Ph.D.- Doctor of Philosophy in History	Methodological aspect of Research in History
	Practical - (Review, Seminar, Project Report/Dissertation)
B.A.LL.B.- Bachelor of Arts - Bachelor of Legislative Law	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)
	History II (Minor)
	Economics II (Minor)
	Contract I
	Political Science III (Major)
	Sociology III (Major)
	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
	Family Law I (Hindu Law)
	Family Law II (Muslim Law)
	Administrative Law
	Law of Equity and Indian Trust Act 1882
	Practical Professional Ethics
	Labour and Industrial Law I
	Labour and Industrial Law II
	Human Rights and PIL
	Insurance Law
	Practical (ADR)
	C.G. Land Revenue Code and Other Local Law
	Intellectual Property Law
	Company Law
	Law of Taxation

	Practical Moot Court
	Transfer of Property Act
	Civil Procedure Code
	Interpretation of Statutes
	Criminology and Penology
	Practical (Drafting, Pleading and conveyancing)
LL.M.- Master of Law Constitutional and Administrative Law, Crime and Torts	Legal and Constitutional History
	Constitutional Law New Challenges I
	Constitutional Law New Challenges II
	Research Methodology
	Jurisprudence and Legal Theory
	Interpretation of Statutes 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
	General Law (CBCS)
	LLM- CONSTITUTIONAL LAW OF INDIA (CBCS)
Ph.D.- Doctor of Philosophy Law	Review of Literature
	Research Methodology
B.Lib. & I.Sc.- Bachelor of Library Science Library and Information Science	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.- Master of Library Science Library and Information Science	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)
	Library & Information Services (CBCS)
	Library & Information Sources (CBCS)
Ph.D.- Doctor of Philosophy Library Science	Research Methodology
	ICT and Computer Literacy
M.Sc.- Master of Science 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.- Master of Science 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)
M.Sc.- Master of Science Biochemistry	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)
	Genetic Engineering - I
	Plant Physiology and Biochemistry - II
	Nutritional and Environmental Biochemistry - III
	Enzymology - IV
	Lab Course I (Based on paper I & II)
	Lab Course II (Based on paper III & 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)
	Lab Course I (Based on paper I& II)
	Lab Course II (Based on paper III & IV)
M.Sc.- Master of Science Bioscinece/ Microbiology/ Biochemistry	Environmental Toxicology (CBCS)
	Economic Zoology (CBCS)
	Vector Borne Diseases (CBCS)
	Rhythms in Life (CBCS)
Ph.D.- Doctor of Philosophy Bioscience	Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
	Review of Literature & Seminar
Ph.D.- Doctor of Philosophy	Research Methodology, Advanced Tools & Techniques, Quantitative

Microbiology	Data Analyses and Computer Fundamentals
	Review of Literature & Seminar
Ph.D.- Doctor of Philosophy Biochemistry	Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
	Review of Literature & Seminar
Ph.D.- Doctor of Philosophy Zoology	Research Methodology, Advanced Tools & Techniques, Quantitative Data Analyses and Computer Fundamentals
	Review of Literature & Seminar
M.A.- Master of Arts Linguistics	Introduction to Linguistics and Indian Linguistic Tradition
	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
	Bhashavigyan ki Rooprekha (CBCS)
	Sampreshanparak Hindi (CBCS)
M.A.- Master of Arts 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
	Functional English Language (CBCS)
	Communication Skills (CBCS)
M.A.- Master of Arts 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)
	Hindi Bhasha aur uske vividh Roop (CBCS)
	Hindi Sahitya ka Itihas avam C.G. ke Hindi Sahityakar (CBCS)
M.A.- Master of Arts 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
	Chhattisgarhi Bhasha aur vyakaran (CBCS)
	Chhattisgarhi Bhasha aur Shahitya (CBCS)
Diploma in European and Asian	Sounds and Grammar

Languages English	Translation and Comprehension
Diploma in European and Asian Languages French	Paper-I Text and Grammar
	Translation and Comprehension
Diploma in National Language Sindhi	Dhwaniya Aur Vyakaran
	Sindhi Bhasha Aur Anuvad
Ph.D.- Doctor of Philosophy Linguistics	Research Methodology & Computer Fundamentals
	Review of Literature & Seminar
Ph.D.- Doctor of Philosophy English	Research Methodology & Computer Application
	Dissertation, Project, Script
Ph.D.- Doctor of Philosophy Hindi	Anusandhan Ki Pravidhi Prakriya Aur Computer Ka Anuprayog
	Samandhit Sahitya Ka Punarvlokan Seminar Evam Project Karya
M.B.A.- 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 Resource 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 Behaviour
	Sales & Advertising Management
	Industrial & Service Marketing
	Security Analysis and Portfolio Management
	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 Financial Management
	Project Planning, Analysis & Management
	Compensation Management
	Management of Industrial Relations
	Business Process Re-Engineering & ERP
	Fundamentals of Computer Architecture
	Management Concepts and Process (Choice based Credit System)
	Managerial Communication (Choice based Credit System)
Ph.D.- Doctor of Philosophy Management	Research Methodology
	Review of Literature and Seminar
	Research and Publication Ethics
M.Sc./M.A.- Master of Science/Master of Arts 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 Biology (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)
	Elementary Mathematics for Finance and Economics (CBCS)
	Elementary Mathematics for Social Sciences (CBCS)
Ph.D.- Doctor of Philosophy Mathematics	Course work (Research Methodology , Latex, MATLAB)

	Review of Literature & Seminar
B.Pharm. - 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 Pharmacy I– 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
	Bio-Pharmaceutics
	Medicinal Chemistry-III
	Medicinal Chemistry-III
	Pharmacology-III
	Pharmacology-III
	Pharmacognosy-III
	Pharmacognosy-III
	Chemistry of Natural Products
	Cosmetic Technology
	Cosmetic Technology
	Pharmaceutical Biotechnology
	Pharmaceutical Biotechnology
	Medicinal Chemistry-IV
	Medicinal Chemistry-IV
	Pharmacognosy-IV
	Industrial Management and Accountancy
M.Pharm. - 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
	Drug Standardization of natural origin (CBCS)
	Intellectuals and property rights (CBCS)
	Cosmetic technology (CBCS)
Ph.D.- Doctor of Philosophy Pharmacy	Advanced Research Methodology
	Review of Literature, Advanced Research Tools & Seminar
B.P.Ed.- 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)
M.P.Ed.- 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
	Physical Education, Health (CBCS)
	Yoga Education (CBCS)
Ph.D.- Doctor of Philosophy in Physical Education	Research Process, Statistics and Computer Application
	Review of Literature, Seminar, Project Work

M.Sc.- Master of Science 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
	Physics of Nano-material-I
	Lab Course - Materials Science & General
	Lab Course - Astronomy & Astrophysics
	Lab Course - Physics of Nano-material
	Nuclear & Particle Physics
	Laser Physics and Applications
	Solid State Physics-II
	Astronomy & Astrophysics-II
	Physics of Nano-material-II
	Project Work
	Basics Concepts of Physics and Astrophysics (CBCS)
	Basics Concepts of Optics (CBCS)
Ph.D.- Doctor of Philosophy Physics	Research Methodology, Quantitative Methods & Computer Applications
	Review of Literature in Concerned Subject, Seminar/ Project Report
M.A.- Master of Arts 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. Assessment - 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)
	Psychology of Everyday lives (CBCS)
	Mental Health: Prevention and promotion (CBCS)
P.G.C.- Post Graduate Diploma in Guidance and Counselling	Psychological guidance
	Counselling theories and Techniques
	Field Exploration (Internship Programme)
	Lab Practical
P.G.D.R.P.- Post Graduate Diploma in Rehabilitation Counselling	Disability and Rehabilitation
	Psychosocial Issues in Disability
	Rehabilitation Assessment and counseling
	Community Based Rehabilitation
	Rehabilitation Interventions and viva voce
	Lab Practical/Internship
Ph.D.- Doctor of Philosophy in Psychology	Research Methods and Advanced Statistics
	Project Based on Review of Research work
M.A.- Master of Arts Rural Development	Rural Development -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 methodology 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

	Applied Research Methodology (CBCS)
	Corporate Social Responsibility (CBCS)
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.- Doctor of Philosophy Regional Studies	Research Methodology & Fundamental of Computer
	Project based on review of Research work
M.A.- Master of Arts 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
M.A.- Master of Arts Sociology	Indian Village (CBCS)
	Basic Concept of Sociology (CBCS)
Ph.D.- Doctor of Philosophy Sociology	Methodological aspect of Sociological Research (Ph.D Course Work)
	Review of Concerned Literature, Seminar, Project Work
M.A./M.Sc.- Master of Arts/Master of Science 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
	Basic Statistics - I (CBCS)
	Basic Statistics - II (CBCS)
Ph.D.- Doctor of Philosophy Statistics	Research Methodology - Course Work
	Review of Literature/ Seminar/ Project Report - Course Work
B.Ed.- Bachelor of Education	Philosophical Perspectives of Education
	Nai Talim : An Experiential Learning
	Pedagogy Part I Pedagogy of Hindi

	Pedagogy of English language
	Pedagogy of Social Science
	Pedagogy of Maths
	Pedagogy of Biological Science
	Pedagogy of Physical Science
	Preparation of Teaching Aids
	Community Activities
	Sociological Perspectives of Education
	Learner and Learning Process
	Elective I (A) Educational and Mental Measurement
	(B) Educational Technology and Management
	(C) Educational Administration and Management
	(D) Art of Education
	Curriculum and Knowledge
	Micro Teaching on skills of teaching
	Internship (2 weeks) School experience
	Pedagogy Part II Pedagogy of Hindi
	Pedagogy of Language (English)
	Pedagogy of Social Science
	Pedagogy of Maths
	Pedagogy of Biological Science
	Pedagogy of Physical Science
	Nai Talim : Skill Based learning
	School Internship (18 weeks) Reflective Diary
	Gender, School and Society
	Assessment in Learning
	Elective II (E) Computer Education
	(F) Inclusive Education
	(G) Teaching of Values
	Training in yoga and Sorts
	Psycho - Metric Assessment
	Viva Voce on Teaching Experience
M.Ed.- Master of Education	Philosophical Perspectives of Education
	Sociological Perspectives of Education
	Educational Technology
	Teacher Education
	Strengthening Language Proficiency
	Exploring Library 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 Dissertation
B.Voc.- 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
I.M.Sc.- Integrated Master of Science (Physics/Chemistry/Mathematics/Biology)	Biology I (Introductory Biology)
	Chemistry I (Bonding and Structure)
	Physics I (Classical Physics)
	Physics I (Classical Physics)
	Mathematics-I (for PCM Group)
	Mathematics I
	Computer Basics
	Communication Skills
	Creative Hindi
	Environmental Studies
	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 (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
	Physical & Chemical kinetics
	Organic Chemistry -I
	Organic Chemistry -I
	Introductory Spectroscopy
	Analytical Chemistry
	Analytical Chemistry
	History & Philosophy of Science
	History & Philosophy of Science
	Communication Skills Lab
	Applied Electronics Laboratory
	Ethics of Science and IPR
	Ethics of Science and IPR
	Biophysical Chemistry
	Statistical techniques and Applications
	Scientific Writing
	Numerical Analysis
	Numerical Methods Laboratory
	Numerical Methods Laboratory
	Scientific Writing Lab
	Biochemistry – I
I.M.Sc.- Integrated Master of Science Biology	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
	Neurobiology
	Immunology II
	Developmental Biology
	Imaging Technology in Biological Research
	Reading Project
	Advanced Biology Laboratory

	Virology
	Biotechnology I
	Bioinformatics
	Biotechnology II
	Advanced Biology Laboratory
	Project
	Project
	Proteomics and Genomics
	Nanobiotechnology
	Plants and Human Welfare
	Plant Genetic engineering
	Evolutionary Biology
	Plant - Microbe Interaction
	Animal Tissue Culture
I.M.Sc.- Integrated Master of Science Chemistry	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
	Photochemistry
	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 Clusters
	Medicinal Chemistry
	Nano Science and Technology

	Surface and Colloidal Chemistry
	Heterocyclic Chemistry
	Advanced Polymer Chemistry
I.M.Sc.- Integrated Master of Science Physics	Mathematical Physics I
	Classical Mechanics I
	Electromagnetism
	Waves and Oscillations
	Physics Laboratory III
	Applied Electronics Laboratory
	Mathematical Physics II
	Quantum Mechanics I
	Statistical Mechanics I
	Physics 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 Relativity and Cosmology
	Experimental Techniques
	CCD Imaging and Spectroscopy
	Biophysics
	Particle Physics
I.M.Sc.- Integrated Master of Science Mathematics	Foundations
	Analysis I
	Algebra l

	Discrete Mathematics
	Computational Mathematics I
	Computation Mathematics Laboratory
	Analysis II
	Algebra II
	Elementary 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
	Cumulative Algebra
	Differential Topology
	Partial Differential Equations
	Representation theory of finite Groups
	Project
	Fourier Analysis
	Algebraic Number Theory
	Algebraic topology
	Stochastic Analysis
	Computational Mathematics III
	Project
	Project
	Dynamical Systems using Matlab
	Mathematical Biology
	Financial Mathematics
	Non-linear Analysis
	Operations Research
	Introduction to Cryptography
	Introduction to Nonlinear Optimization
	Complex Network