

Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
Foundation of Library & Information Science	CCT-01	1976	B Lib I Sc being a Professional Programme this course builds the base for employability as a librarian
Library Management	CCT-02	1976	This courses teaches administration and management of various library operations, must for employability
Knowledge Organisation & Processing - 1	CCT-03	1976	This course builds theoretical base required for classification and cataloguing of library resources
Library Development	ECT-01	1976	This course outlines historical development of libraries and helps understand present situation
Library Education	ECT-01	1976	This course helps a learner to take up library education as employment
Library Classification & Cataloguing Practical -1	PC-01	1976	This course builds practical skills required for classification and cataloguing of library resources
Information Skills	ICT-01	1976	Introduction to the world of information resources and infomation literacy
Information Sources	CCT-04	1976	Understanding the world of information resources and practically learn how to provide information
Information Services	CCT-05	1976	This course helps a learner to understand various library and information services, practical skills to provide them and eventually become a successful librarian
Computer Applications	CCT-06	1976	This course imparts a learner "must have skills" required to apply computer tecnology to library operations
Knowledge Organisation & Processing - 2	CCT-07	1976	This course builds theoretical base required for classification and cataloguing of library resources, takes learner one stem ahead in semester two.
User Studies	ECT-02	1976	This course helps a learner to understand the world of users, their types, requirements and equip future librarian with skills to deal with users
School Librarianship	ECT-02	1976	This is an elective course which enhances employability in the area of school librarianship
Library Classification & Cataloguing Practical -2	PC-02	1976	This course builds practical skills required for classification and cataloguing of library resources, in semester two emphasise is on electronic resources.
Law & Social Transformation in India	CLW-1001	1979	It creates the creative potentials for establishing an NGO for doing social work. It develops professional skills which helps in getting job in government as well as NGO, ETC.
Judicial Process	CLW-1002	1979	This subject stimulates creative potential in students, develops professional skills which helps in getting an opportunitie in judiciary as well as Department of law and justice.
Exim Law	ELW-1002	1979	Knowledge of Export-Import law provides an ample opportunity in foreign trade sector. It also creates an enterpreneurship in the field of foreign trade.
Indian Constitutional Law : New Challenges	CLW-2001	1979	The course helps in getting an opportunity government as well as judiciary. It develops highest professional skill for practicing in higher judiciary.
Labour Laws	ELW-2006	1979	Knowledge of Labou Laws provides an opportunity in various government labour department, NGO, ETC. It also provides self employmnet as labour laws practotioner in labour court as well as other authorities of labour ministry.
Information and Communication	CCT-01	1987	M.Lib.I.Sc being a Professional Programme this course sets the base required to fully understand the world of information communication
Library Automation & Networking	CCT-02	1987	This course imparts a learner "must have skills" required to apply advance level computer and ICT technology to library operations
Research Methods & Statistical Techniques	CCT-03	1987	This course provides a background understanding of research methodologies and helps do quality research and also help researchers in future as a librarian.
Information Sources, Services & Systems in Humanities & Social Science	ECT-01	1987	This being an elective course prepares a learner as a subject librarian in the field of humanities and social science, enhancing the chance of employability
Information Sources, Services & Systems in Science & Technology	ECT-01	1987	This being an elective course prepares a learner as a subject librarian in the field of science and technology, enhancing the chance of employability in S&T sector libraries
Information Systems & Products	ICT-01	1987	This course provides a background understanding of currently available information systems and products which helps to becaome a resourcesful librarian.
Information Processing & Retrieval	CCT-04	1987	Helps to understand and build skills of practical information retrieval activities, products and services.
Information Technology Application	CCT-05	1987	Introduces the world of ICT infrastucture and applications essential to know for serving in modern libraries and information centres as a librarian.
Management of Lib & Info Centres	CCT-06	1987	A fundamental base of management theories, schools of management science, its techniques are introduces here, in order to prepare a manager of library and information centres
Academic Library System & Services	ECT-02	1987	This is an elective course which enhances employability in the area of academic librarianship, specially the university and college libraries

Industrial Library System & Services	ECT-02	1987	This is an elective course which enhances employability in the area of industrial librarianship, specially the libraries and R&D centres of Industries
Health Sciences Library System & Services	ECT-02	1987	This is an elective course which enhances employability in the area of health sciences librarianship, specially in the libraries of health sciences institutions.
Project work: Information Product Design	ECT-03	1987	This is an elective course which provides learner a chance to do field research as a project and prepare a project report where an Information Product is designed.
Project work: User Survey	ECT-03	1987	This is an elective course which provides learner a chance to do field research as a project and prepare a project report where a user study is carried out.
Project work: Indexing & Abstracting	ECT-03	1987	This is an elective course which provides learner a chance to do field research as a project and prepare a project report where an index is prepared and abstracting skill is acquired.
Prayojanmulak hindi	12304	1995	Giving assignment of various topic in writing, Giving Seminar in Classroom, Conducting Written Exam, Short Film Script, Radio Varta Practice, Advertise Practice, Hindi Computer
Introduction to programming using C	P1010	1996	(1) The course clears the fundamental of the students. (2) Students are able to do the programming that can be directly utilised in the field (3) The logic which is clear, will be used directly in the field (4) So they are able to work easily with industries
Computer Organization and Architecture	P1020	1996	(1) It gives the fundamental idea of computer. (2) students are able to know the working patterns of the computer system, which helps them in the field. (3) Some hardware knowledge is also given to students.
Database concepts and tools	P1040	1996	(1) The course more focus on the data base. (2) they are able to design database (3) Can write the query and subqueries, which are directly implemented in the field. (4) can get the job of DBA
Object oriented programming using C++	P2010	1996	(1) In real life all the programming are done by OOP. (2) Students are able to get the idea of OOP, and also know how to write the program using OOP (3) can easily work with current system and also able to work with new technology which relies on the OOP
APPLICATION DEVELOPMENT USING ADVANCE JAVA	cs-01	2000	Learn how to download, setup and configure the Spring Framework Explore the Spring Container and Modules Understand dependency injection Explore the Spring Container and Modules Understand dependency injection Learn aspect oriented programming and how it is used to provide cross cutting concerns Understand how Spring deals with transaction management and ORM Hibernate: Inheritance mapping collection mapping.
Advance Web Development in Laravel	CS-02:	2000	Student should know OOP in PHP Student should be able to implement Laravel framework Student should be able to design and code responsive website
APPLICATION DEVELOPMENT USING ADVANCED ANDROID	CS – 07:	2000	To be able to develop mobile applications using advanced android api based on Data storage in external and internal memory and database To develop app that supports animation, multimedia, camera, sensor To develop app that supports Network, Bluetooth-Wi-Fi Developing web service and retrieving data using JSON & xml
CLOUD COMPUTING	CS – 09:	2000	To describe cloud computing architecture and services To identify cloud platforms and services To identify design issues of cloud computing To analyze the security factors of implementing cloud environment To understand the server virtualization and its implementation
Industrial Pharmacognostical Technology	MPG 104T	2006	Course provide skill in the area of herbal drug technology and hence students may themselves become an entrepreneur in a field of herbal drug industry, Student will be capable to manufacture and sale various herbal drug formulations. This is a trailblazer course that prepares the graduate students to cater the contemporary need of nutraceutical and herbal industry.

Medicinal Plant Biotechnology	MPG 201T	2006	Students can be hired as a scientist in Plant tissue culture laboratory for various tasks such as crop improvement, secondary metabolite production, and various strategies for inducing genetic interference. This is a capacity building program in the field of medicine and plant based molecules.
Herbal Cosmetics	MPG204T	2006	This course instill skill and domain knowledge required for manufacturing herbal cosmetic products. Employability in herbal cosmetics production and quality control department of herbal cosmetics industries can be developed for students.
Anuvad Siddhant Aur Vyavhar	31201	2006	Assigning writing questions & Answer (Assignment), Giving Seminar in Classroom, Conducting written exam, Hindi-Guajarati & Hindi to Gujarati Translation in practice, Language & Art of Translation
Industrial Pharmacy	Core -III	2007	After studying this course students are able to do work in production department, research and development, regulatory department and pilot plant scale up department. Students become an entrepreneur and can serve as a regulatory expert and serve to pharma industry.
Global Regulatory Requirements	Core - IV	2007	After completion of this course students are able to make their future in production department in pharmaceutical industry. These courses give the wings to fly for the students who want to make their future in pharmaceutical regulatory field.
Advanced Pharmaceutical Biotechnology	MPB 104T	2007	Students can work as Biochemist, Biomedical Engineer, Epidemiologist, Food Scientist and Technologist, Microbiologist, and / or Plant Scientist in different government, non government and private research lab. They can also join Pharmaceutical industries and CROs.
Proteins and Protein Formulations	MPB 201T	2007	Students get employability in R & D, production & manufacturing of different vaccines and biosimilar products. They will also be placed in a field of recombinant pharmaceutical product development, specifically recombinant proteins specific drug delivery systems.
Advanced Biopharmaceutics and Biopharmacokinetics	MPH 202 T	2007	Students get employability as a Biopharmaceutics scientist in research and development department as well as in production department. Also they are able to serve as a pharma consultant in pharma industry. The R&D opportunity to students in pharma industry across the world can be brought through this course
Cosmetic and Cosmeceuticals	MPH 204 T	2007	This course develops skill and knowledge that is quintessential to establish career opportunity as a formulation scientist in cosmetic industry. The course encourages for the inception of startup plant for manufacturing of cosmetics.
Management of New and Small Enterprises	161100020303	2010	Practical case studies , Industrial visit provide insight about MSME which leads to develop entrepreneurship skills
Summer Training Project	161100020304	2010	Internship project in industry for 45 days - which gives practical exposures to students and where students for summer training this organization also recruit students after internship
International Business	161100020401	2010	Practical case studies , Video lectures, Quiz gives insight about global trade. Which develops skills among the students and it enhance employment opportunities to the students
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DISSERTATION	C-405	2010	Dissertation assigned to the merit students
Pharmacological and Toxicological Screening Methods-I	MPL 103T	2010	This course will teach the students on conceptualizing, designing, conducting, managing and reporting of preclinical trials. It provides an opportunity to find employment in preclinical CRO, pharmaceutical and biotech industries, private and public research organizations, toxicology testing labs located at both within India and abroad.
Clinical research and Pharmacovigilance	MPL 204T	2010	The course provides a solid foundation and creates highly trained specialists in clinical pharmacology. It prepares individuals for a wide range of career options such as clinical research, clinical trials and related documentation, and methods of adverse drug reaction reporting with tools of Pharmacovigilance according to different regulatory guidelines.
Language – Literature Skills	CCT-01	2010	Job Opportunities as a Proof Reader due to Language Expertise
Linguistics	CCT-02	2010	Job Opportunities as a Language Expert due to Scientific knowledge of Language
Gujarati Language Thought	CCT-05	2010	Job Opportunities as a Proof Reader due to Language Expertise
Biostatistics and Bioinformatics	Bot-104	2010	Data analysis and informatics skill development
Biotechnology & Immunology	Bot-208	2010	Employability Biotechnology industry and research institutes
Combined Practicals	Bot-211	2010	Skill development of botanical experiments

Plant Ecology	Bot-314	2010	Employability NGOs and Forest department
Herbal Technology-I	Bot-315	2010	Employability Pharmaceutical Industry and research institutes
Plant Biotechnology and Genetic Engineering	Bot-421	2010	Employability Agriculture and Horticulture sectors
Dissertation	Bot-425	2010	Employability in various Industries and research institutes
BIOTECHNOLOGY & IMMUNOLOGY	Micro 208	2010	Useful to the students for skill development as well as increases the chances for the employability in the pharmaceutical and enzyme industries.
ANALYTICAL TECHNIQUES	Micro 210	2010	These will help the students to get job opportunities in biotechnological and pharmaceutical institutes.
FOOD BIOTECHNOLOGY	Micro 316	2010	Useful to get employability in food industries.
MOLECULAR BIOTECHNOLOGY	Micro 317	2010	It will increase the employability of students in biotech industries.
Combined Practical	Micro 318	2010	These experiences are highly significant in future course of higher studies, job opportunities in industries, academic and research institutions or develop their own business in microbial sector.
FERMENTATION TECHNOLOGY II	Micro 422	2010	Very significance in getting job in fermentation industries.
ENVIRONMENTAL BIOTECHNOLOGY II	Micro 423	2010	It will help the students to get the job in agricultural industries.
Dissertation	Micro 425	2010	Highly significant in future course of higher studies, job opportunities in industries, academic and research institutions.
Biostatistics & Bioinformatics	Zool-104	2010	Data analysis and informatics skill development
Combined Practical Course	Zool-105	2010	Acquire the skills in handling scientific instruments, planning and performing in laboratory experiments.
Biotechnology & Immunology	Zool-208	2010	Employability in Clinical Research Assistant, Laboratory Technician in Industrial and Government Agencies, Assistant Biologist in Food Inspection Agencies, Immunologists work in various areas such as biomedical research, healthcare, agriculture and environmental monitoring.
Environmental Science	Zool-209	2010	Environmental scientists are employed by the mines, fertilizer plants, textile and dyeing industry, food processing units, etc.
Mammalian Physiology (Core)	Zool-314	2010	Employability in various industries such as pharmaceutical companies & R & D areas in various institutes and companies. Students have the opportunity to participate in research and investigate exactly how glands work.
Aquaculture & Fisheries Technology(Core)	Zool-419	2010	Job opportunity in the field of aquaculture, fisheries sectors and activities related to culture and husbandry of animals.
Marine Ecology (Elective)	Zool-421	2010	Employability in NGO and environmental agencies. It also aims to develop a range of transferable research, analytical and communication skills.
Wildlife Biology & Animal Behaviour (Elective)	Zool-422	2010	Employability in the wildlife conservation management, Forest department and various NGO's.
Dissertation / Project Course	Zool-425	2010	Job opportunities in various industries, NGOs, academic and research institutes. Skills are enhanced through one semester hands on project work with dissertation.
ANALYTICAL TECHNIQUES	IBC 1	2011	This course is set up to bridge the gap between academics, research and industry. This course covers bio analytical techniques along with their theory, working principle, general instrumentation and applications. This course will be equally beneficial to various scientific and industrial areas including, life science, chemical science, material science and environmental science. Also the knowledge of analytical techniques is useful for employability related to industries involved in manufacturing and diagnostics. The understating of techniques will also be useful in laboratories and health sectors.
BIOINFORMATICS AND BIostatISTICS	IBC 2	2011	This course is designed to empower students with technical skills and generate capacities and career opportunities with an emphasis on computational approaches to biology. The course helps to create a pool of well-trained professionals for both academia and industry. This course presents major developments and hence generates more job opportunities. Therefore the knowledge of bioinformatics opens the door for most fields related to biology and assist to find jobs in biological research, pharmaceuticals, and medical technology, among other fields.
PHARMACEUTICAL BIOCHEMISTRY AND REGULATORY AFFAIRS	EBC 2	2011	This course covers knowledge that is helpful in pharmaceutical industry, laboratory-based research and development, clinical trials, regulatory affairs, manufacturing, quality assurance, quality control, validation. This course also provides insight for the field of drug discovery, and development offering a wealth of job and career opportunities in the pharmaceutical sector.
Good Manufacturing and Good Laboratory Practice	Core-III	2011	The course will offer skill and knowledge of current good manufacturing practices that is very demanding in current pharma industry. Students can be absorbed in Production, Quality Assurance, Quality control and Regulatory department in pharmaceutical industries.

Modern Pharmaceutical Analytical Techniques	MQA 101T	2011	The course will provide detail insight of new analytical techniques and students can get jobs in Quality assurance, and Quality Control department with main objective to maintain and control the quality of API and formulation.
Quality Control and Quality Assurance	MQA 103T	2011	The knowledge of quality and different quality criteria is very mandatory in today's pharma field, this course will offer jobs as QA and QC chemist and analyst. Students get job in regulatory department of pharmaceutical company with a focus on quality management and quality system in pharmaceutical drug development.
Documentation and Regulatory Writing	MRA 102T	2012	Students will be offered job in medical writing field. Documentation is very important in every pharma industry including R & D, F & D and even in routine manufacturing, this course will generate ample opportunities in pharma industry to review, monitor, control and manage various activities in pharmaceutical development. It will generate employability of a student in Pharma corporate sectors dealing with various global regulatory agencies like CDSCO, USFDA, etc.
Regulations and Legislation for Drugs & Cosmetics, Medical Devices, Biologicals & Herbals, and Food & Nutraceuticals In India and Intellectual Property Rights	MRA 104T	2012	Students have great deal of flexibility to work in regulatory industry like pharmaceuticals, medical devices, biotechnology, herbals or food science. Deep knowledge of IPR will be invited an entrepreneurship skill. This course is a bridge between academia and regulatory market of the world.
Regulatory Aspects of Medical Devices	MRA 203T	2012	Students get job in medical device sector. They can serve their skill in regulation aspect in a field of medical device R & D, Clinical trials, manufacturing, distribution and product recall. Students can also work as regulatory consultant in area of premarket strategy, dossier preparation, product registration and regulatory submissions, and also imparting their role in postmarket surveillance in INDIA and across the globe.
Advance Methods and techniques in Sociological Research	1601260203010100	2012	employment in various institute as research officer as field officer
Human Resource Management	160126 0302010102	2012	employment in industrial sector
Sociology of Family & Counseling	160126 0302020202	2012	as a consultant in various govt. organization as well as in re socialization institution
Criminology	160126 0302040402	2012	employment in social welfare area, as probation officer, counselor and job in special home for boys and girls
sociology of voluntary organization	160126 0402040203	2012	establish voluntary organization and create employment in different field
Linguistics & Phonetics	CCT-03	2013	Employability as Language Teacher/ Entrepreneurship in IELTS & TOEFL
General Semantics	ICT-01	2013	Skill development of conflict management & decision making
English Grammar	CCT-06	2013	Skill development in Communication in English/Employability in schools as a teacher of English
English Criticism	ECT-02	2013	Entrepreneurship as a freelance critic
Discourses on Women's Empowerment	CCT-08	2013	Entrepreneurship in NGOs on women's social development
English Language Teaching	ECT-04-i	2013	Employability in schools/colleges as a teacher of English
Translation Studies	ECT-04-ii	2013	Entrepreneurship as a freelance translator
Film Studies	ECT-06-ii	2013	Entrepreneurship as a freelance film critic
Computer Application	SWEC-1004.1	2013	Communication Skills, Computer Application, Human Resource Management, Management Development & Welfare Services, social entrepreneurship and Innovation, block placement.
Marketing Management	CCT-01	2014	Marketing and managerial application etc. are directly exposed to the students of the department of commerce. Further students can get the skill of becoming sales managers, sales man in various industries.
Corporate Financial Accounting	CCT-03	2014	Through this course student can have the capability of becoming accountant in corporate sector. Accounting practices, corporate administration, tax assessment, marketing and managerial application etc. are directly exposed to the students of the department of commerce. Further students are taken to various industries and market for practical exposure and employability orientation.
Business Research	CCT-05	2014	Through this course the student can have the ability of undertaking the research in the area of finance, marketing, human resource etc.
Accounting for Managerial Decisions	CCT-07	2014	Through this course the student can have the ability of becoming financial managers, financial advisor in business world.
Organizational Behavior	CCT-09	2014	Through this course the student can have the ability of becoming financial managers, financial advisor in business world.
Strategic Management	CCT-11	2014	Through this course the student can have the ability of becoming financial managers, financial advisor in business world.

Accounting & Taxation-Paper -I	ECT-01	2014	Through this course student can have the capability of becoming accountant as well as tax consultant in corporate sector. Accounting practices, corporate administration, tax assessment, marketing and managerial application etc. are directly exposed to the students of the department of commerce. Further students are taken to various industries and market for practical exposure and employability orientation.
Accounting & Taxation Paper-III	ECT-03	2014	Through this course the student can have the ability of becoming financial managers, financial advisor in business world.
International Financial Management	ECT-05	2014	Through this course the student can have the ability of becoming financial managers, financial advisor in business world.
Operations of Stock Exchanges	ICT-01	2014	through this course the student can have the ability of portfolio, consultant, managers in capital market. Further he can independently operate in stock exchange.
MICRO ECONOMICS-1	COR-1-01	2014	The Micro Economics course gives the students skills in demand and supply analysis, cost and profit analysis, pricing, Profit Planning. So, through this Course students can start their own small and big business or get ample job opportunities in it. With the help of this skill, the students can get job as project manager in different projects of government and private companies.
MACRO ECONOMICS-2	COR-1-02	2014	The Macroeconomics course imparts knowledge to the students about holistic economic matters such as boom, recession theories, money demand and supply theories, investment, interest rate principles, monetary policy, etc. So, with the help of this knowledge, the students can get job as a Financial advisor in government and private company, as a Financial expert in a government and private bank and as a Financial expert in the stock Market.
PUBLIC ECONOMICS_1	COR-1-03	2014	This Course Provides knowledge on Budget, principles of public expenditure, different types of tax assessment, allocation of resources in the public and private Sector, public debt etc. With the help of which students can do independent consultancy as a tax consultant as well as serve in a small and large company. It can be involved as a consultant in the government's fiscal policy and budget.
Pharmaceutical Microbiology & Biotechnology II	BP601	2014	Students can get opportunities in fields like healthcare organizations, forensic science laboratories, environmental organizations, higher education institutions, food and nutraceuticals, publicly funded research organizations, pharmaceuticals and many other industries. The skill of the subject will facilitate the employment of the students to various government and private research laboratories who are working with research on virology and bacteriology field.
Hospital and community Pharmacy	BP602	2014	As a hospital pharmacist, students will be an expert in the field of medicines, understanding of its usage and their effects on human body. As well as dispensing prescriptions, students will be involved in the purchasing of medicines as per the standards of global hospitals and in its own pharmacy. Students may work jointly along with other paramedic staff in government and private hospitals, primary health centre and government recognized health centres.
Dosage form design – II	BP802	2014	It is an area of the pharmaceutical field that specialized in formulating drugs in different dosage forms. Industrial pharmacists use the latest methods, technologies and processes to develop new and conventional dosage form as per the current market need and regulatory agencies of various countries. As a formulation scientist they can work according to current pharmacopeial requirement and develop different pharmaceutical formulations.
Instrumental Methods of Analysis	BP701T	2014	Students can get job opportunities in various fields like healthcare organizations, forensic science laboratories, environmental organizations, nutraceutical other such relevant industries. Each of the above industry is regulated by stringent government regulation including WHO, ICH, USFDA, AYUSH etc to maintain the quality criteria. The skill of qualitative and quantitative analysis has ample opportunities as a quality control analyst specially in drugs, nutraceuticals and cosmetic industry.
Novel Drug Delivery System	BP704T	2014	Students having the skill and knowledge in novel drug delivery system can get job in a pharmaceutical industry that developing novel approaches of drug delivery like nanoparticles, liposomes, nanocage system, aerosol formulation, dry powder inhaler type of formulation etc. Stakeholder can work as formulation scientist and production chemist in the manufacturing and control of with these novel formulation. They can also work as regulatory consultant for these novel drug formulations and their delivery approaches according FDA guidelines.

INTERNSHIP	Practical-5	2015	Provide training and experiential learning opportunities for the development of skills in counseling , assessment , crisis intervention, consultation, outreach and provision of supervision, Acquire employment contacts leading directly to a full-time job following graduation from college, Build a record of work experience
guidance & counselling	spc-4	2015	They can develop skill of counselor They can guide students for their career
Psychology Testing	SPCE-1 (G-A)	2015	Develop skills for Assessment develop skill for test construction
Research Methodology	CC-1	2015	Achieve skill of Researcher Develop skill of Research report writing
Business ethics and Corporate Governance	161100020302	2016	Practical case studies , Presentations , Group discussions focuses on Indian Ethos and values from Indian literature. This skill provides employment opportunities to the students students.
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RESEARCH METHODOLOGY	1601250103010100	2016	In the course of Research Methodology, research scholar learns skills in research methods and research techniques through which they develop the ability to perform statistical analysis of any economic data. Due to which they can be appointed to the post of Deputy Director, Research Officer, Research Assistant in the Central Government Department of Economics as well as in the Department of Economics and Statistics of the State Government. Students Can start their research consultancy and take up different projects from government and private companies.
MAJOR CONTEMPORARY ECONOMIC ISSUES	1601250103010200	2016	This Course Provides knowledge on Banking Sector, Money Market, Industrial Licensing, Foreign Trade, Fiscal Policy, GST etc. With the help of this Course/knowledge they get job in Government banks, Cooperative Banks, Private Banks as an economic Advisor as well as experts. They also do their import export business as well as serve in a multinational company.
MAJOR ISSUES OF AGRICULTURE AND RURAL DEVELOPMENT	16012501030203300	2016	In the course, students gain knowledge of rural development and agriculture development, such as agrobased industry, food processing industry, use of modern thcnology in agriculture, import and export of agriculture products, etc. Through which they can commence the food processing industry byproducig more through modern farming at the village level, the cottage industry, small scale industries based on agriculture can be started. Cooperatives and NGOs can start or get jobs in them. Also, they can export agriculture products.
Literary Criticism & Theory	1601070202010100	2016	Entrepreneurship as a freelance critic
Research Methodology	1601070502010100	2016	Research skills
History of Tourism in India and its application	1601180302010200	2016	Generates direct employability as tourist guides
Mangement in Tourism	1601180302010200	2016	Generates employability skills for tourism industry in all aspects
An outline of Indian Archeology and Epigraphy	1601180202030300	2016	It development skills for discerning inscriptions for archalogical studies
An outline of Indian Numismatics, Museology and Archives	1601180202040400	2016	It develops the skills of Museum and Archives management and job opportunity
(Prog.In C & Numerical Methods)	CMT – 3001	2016	Image Prosesing and Related Fields. Weather Analysis & Simulation Where the Model is Governed by Algebraic or Differential Equations Software Development Industries.
(Graph Theory)	CMT – 4004	2016	Industries Related Network Analysis. For Survailance in Difence. Network Analysis. Optimization & Representation of Any Complex Situation taking place in Real life. IT Industries. Logistic Field.

(Financial Mathematics)	EMT -4001	2016	Option Theory is Useful or Risk free Investment in Stock Market. Insurance Companies. Study of Financial Mathematics is Highly useful to develop a career as Fanancial Analyst in Print or Electronic Media.
Automation with PLC and SCADA	Paper 13	2016	This is an industry oriented course designed in consultation with industry people. It provides the students with insight of industrial automation with help of tools like Programmable Logic Controller and monitoring the process using SCADA. Added with practicals and projects this prepares the students to be absorbed in Industries readily. This is a booming field and candidates possessing skill in this domain are having an edge at industries.
Fundamental of Computer Hardware	Paper 18	2016	In this course we cover theory, supported by practicals and hardware assebling assignments. Knowledge of computer hardware is must for automation, networking, embedded syatem design and more or less essential for electronics students. After studying this course and acquiring additional expertise, student can start his/her maintenance services.
Robotics	Paper 27	2016	Industrial, field and domestic robots are common nowadays. We have added this course in new syllabus with an objective of giving insight about this new technology exploiting electronics, mechanical and computer engineering. Students get hands on practice and experiment. This adds to the employability of students.
Fundamentals of Industrial Automation	Paper 39	2016	This is an industry oriented course. It provides the students with insight of industrial automation with exposure to practical skills during practicals and projects. the course covers various aspects like instrumentation, control, automation and process management. This is the demand from most of the process industries and our students fit well in those requirement.
Embedded programming using AVR	Paper 14	2016	Embedded systems are nowadays part of our life. Ranging from wearable devices to household appliances, industrial automation systems to medical equipments all devices use microcontrollers as core controller. In order to prepare students with to date technology we have introduced this course. Development of system designing and programming skill adds to the employability.
Computer hardware	Paper 4	2016	In this course we cover theory, supported by practicals and hardware assebling assignments. Knowledge of computer hardware is must for automation, networking, embedded syatem design and more or less essential for electronics students. After studying this course and acquiring additional expertise, student can start his/her maintenance services.
Statistical Computing and Numerical Methods	MS-102	2016	Programming logic development in R environment Application of R programming in STATCRAFT Finding and forcasting missing values
Data Warehousing and Data Mining	MS-201	2016	Building of Data Warehouse Application of Data Mining Techniques/Algorithms in real life applications Analysis of data and interpretation of extracted patterns
Base SAS Programming	MS-205	2016	Programming logic development in SAS environment Data analysis of large volume of data
Solid State Electronic Devices and Circuits	1603010202010200	2016	Employability in electronics appliances manufacturing
Physics and Chemistry of Nanomaterials	1603011002031000	2016	Employability in nanomaterials based industries and research in developing new nanomaterials
Synthesis of Materials	1603011102031100	2016	Employability in R & D in various industries developing new materials, skill developed to synthesize different materials by various methods
Space Technology	1603011302031300	2016	Employability in space related research and industries
Analog and Digital Systems	1603011402031400	2016	Employability in manufacturing and maintaning of electronic appliances
Experimental Techniques with Interdisciplinary Applications	1603011802041800	2016	Employability in R & D section of industries and in research institute, skill develop for spectral analysis
Materials Characterization	1603011902041900	2016	Employability in R & D section of industries and in research institute
Functional Materials	1603012002042000	2016	Employability in R & D section of industries dealing with spacific materials, skill develop to synthesize novel materials for different applications
Pulse & Microwave Electronics	1603012202042200	2016	Employability in communication industries
Electronic Communication	1603012302042300	2016	Employability in communication industries
Literature and Film (OPTIONAL)	ECT-03 - 1601010202030301	2016	Opportunity for Filmmaking and Job Opportunities inf the Film Industry due to Study of Literature and Film
Literature and Film (OPTIONAL)	ECT-03 - 1601010202030301	2016	Job Opportunites as a Translator from studying the translation in comparative studies
Research Methodology	CCT-01	2016	Jop opportunities as a research assistant in research centers due to the study of research methodology

Biochemistry	BT 104	2016	This paper provides the basic understanding of Structural, chemical biology and three-dimensional construction of macromolecules (carbohydrates, proteins, nucleic acids and lipids), which is base of advance research also useful to get job in clinical laboratory .
Practicals	BT105	2016	Experiment ation in area's of Microbiology, Enzyme technology, Molecular biology and Biochemistry enhanming their knowlede for research and industrial job oppurtunity
Molecular Biotechnology-1	BT208	2016	This course provide concepts of gene manipulation techniques and gene cloning which knowledge is required to get job in Forensic science,pharam industries also needed for advance research .
Biostatistics and analytical techniques	BT209	2016	In these papaer students get concept of statistics and analytical techniques which is helpful to get job in pharama industries and academics .
Fermentation technology	BT311	2016	These course provide knowledge of basic principles of fermentation processes, at lab as well as Large scales and food preservation techniques which is useful to get job in Fermentation based industries and dairy industries .
Pharmaceutical biotechnology	BT420	2016	In this theory paper student get exposure to emerging fields of Molecular Biotechnology, particularly in its aspect applied to medicines and human health, current methodologies employed in the field of Pharmaceutical Biotechnology, and vaccines which knowledge is useful to get job in pharam industries .
Practical dissertation	BT422	2016	The exposure gained in conducting the dissertation work during semester- 4 are highly significant in developing practical skills. Designing experiments, analysing the obtained results and writing report in the form of a dissertation. These experinces are highly significant in future course of higher studies, job oppourtunities in industries, academic and research institutions.
Cognitive psychology	CCT-03	2016	Developing the skill of Cognitive functions like memory, thinking, Intelligence, Learning, Perceptiom, Attention. Cognitive Learning is a style of learning that Encourages Students to use their Brains more Effectively. This way of learning Encourages students to fully Engage in the learning process so learning, thinking and remembering get easier and easiar
Practical Psychology	CCT-04	2016	developing a group work and improving a communication skill. Practical psychology makes it easter to understand how human think and behave while communicating with others.
Rehabilitation Psychology	ECT-03	2016	Rehabilitation Psychology helpful for rehabilitation psychologist. Rehabilitation psychologist May work in a wide variety of setting including public and private Rehabilitation centers, hospitals, Psychiatric or Head injury Treatment centers, community mental health centers and academic institutions.
Psycho-Diagnostic Methods	CCT-08	2016	Psycho-diaagnostic is a rether intricate part of the work of psychologist and educators. Students achive the best result in training their diagnostic skill by working through the exercises and information and then putting their knowledge to practice e.g. by using role play.
Psycho-pathology	CCT-12	2016	after learning a psychopathology course student may go on to work in education, training the next generation for field science work. student may go to work for drug companies helping to develop the next great treatment of the future for countless mental illness and anxiety disorders. student may even work at the clinical level treating mentally ill patients. Job oppourtunities are more abundant in heavily populated areas.
Law & Social Transformation in India	CLW-1001	2016	The course gives the students skills in the get job as NGO's legal adviser and also be a penal advocate in government and Non-Government's body who works for child and women walfare field.
Judicial Process	CLW-1002	2016	The course gives the students skills in own advocacy and also when they being a part of honourable indian judiciary .
Indian Constitutional Law : New Challenges	CLW-2001	2016	The course gives the students skills in own advocacy and get higher chances to crack government, Non-government , judiciary, assembly, private company's examination and also students enlight path for weaker section of the society.
Environment and International Legal Order	ELW-2002	2016	The course gives the students skills in their growth, societies had done their best to keep their neighbourhood clean and healthy and also its creates an oporchunity in the office of the authority of prevention and control of evernment as well as envermentory board.

Legal Education & Research Methodology	CLW-3001	2016	In the course of Research Methodology, student learns skills in research methods which they develop the ability to perform statistical analysis of any data. Due to which they can be appointed to any post Government and non government and private companies.
Protection and Enforcement of Human Rights in India	ELW-3002	2016	The course gives the students skill in the area of Human Rights protection commission as well as the courts and also in NGOs establish the protection of Human Rights.
Rural Development	16080202010405	2016	Employability
Care of Elderly	16080202020100	2016	Skill Development
Food Science	16081202020300	2016	Employability
Consumer Information and Redressal	160802020204022000	2016	Entrepreneurship
Program Design and Evaluation	16080202020405	2016	Skill Development
Ergonomics	16080202030402	2016	Skill Development
Institutional Management	16080202040200	2016	Entrepreneurship
Family and Child Welfare	16080202040405	2016	Employability
RESEARCH METHODOLOGY IN PHYSICS	1603010103010100	2017	Skill development in identified areas of physics
ADVANCES IN PHYSICS	1603010203020200	2017	Skill development in synthesise of new materials useful in basic research and ability to analyze X-ray diffractogram
Applied Nuclear Physics	0030494002	2017	This course is highly useful for the students to take up the career as nuclear scientists/ technician in the Department of Atomic Energy (DAE) organization
Yoga, Anatomy and Physiology Health Science	1002	2017	as a yoga health trainer
Yoga & Mental, Health and Psycho. Therapy	1003	2017	as a yoga therapist
Yoga Therapy, Ayurveda and Naturopathy & Acupressure	1004	2017	as a yoga therapist
Yoga Teaching Method	1005	2017	yoga technician
EDUCATION METHOD	1006	2017	yoga teacher , yoga classes
INTRODUCTION TO YOGA	1007	2017	yoga in educational field instructor
METABOLISM STRUCTURE AND FUNCTION	1008	2017	yoga in educational field instructor
YOGA AND HEALTH EDUCATION	1009	2017	yoga experts
PRACTICAL	1010	2017	body fitness system awareness
Business Environment	CCT-02	2018	Accounting practices, corporate administration, tax assessment, marketing and managerial application etc. are directly exposed to the students of the department of commerce. Further students are taken to various industries and market for practical exposure and employability orientation.
Corporate Accounting	CCT-04	2018	Through this course student can have the capability of becoming accountant as well as tax consultant in corporate sector. Accounting practices, corporate administration, tax assessment, marketing and managerial application etc. are directly exposed to the students of the department of commerce. Further students are taken to various industries and market for practical exposure and employability orientation.
Financial Management	CCT-06	2018	Through this course the student can have the ability of becoming financial managers, financial advisor in business world.
Corporate Legal Framework	CCT-08	2018	Accounting practices, corporate administration, tax assessment, marketing and managerial application etc. are directly exposed to the students of the department of commerce. Further students are taken to various industries and market for practical exposure and employability orientation.
Managerial Economics	CCT-10	2018	Through this course the student can have the ability of becoming financial managers, financial advisor in business world.
Advanced Research Applications	CCT-12	2018	Accounting practices, corporate administration, tax assessment, marketing and managerial application etc. are directly exposed to the students of the department of commerce. Further students are taken to various industries and market for practical exposure and employability orientation.

Accounting & Taxation Paper-II	ECT-02	2018	Through this course student can have the capability of becoming accountant as well as tax consultant in corporate sector. Accounting practices, corporate administration, tax assessment, marketing and managerial application etc. are directly exposed to the students of the department of commerce. Further students are taken to various industries and market for practical exposure and employability orientation.
Accounting & Taxation Paper -IV	ECT-04	2018	Through this course student can have the capability of becoming accountant as well as tax consultant in corporate sector. Accounting practices, corporate administration, tax assessment, marketing and managerial application etc. are directly exposed to the students of the department of commerce. Further students are taken to various industries and market for practical exposure and employability orientation.
Accounting & Taxation Paper –VI Research Report	ECT-06	2018	Through this course student can have the capability of becoming accountant as well as tax consultant in corporate sector. Accounting practices, corporate administration, tax assessment, marketing and managerial application etc. are directly exposed to the students of the department of commerce. Further students are taken to various industries and market for practical exposure and employability orientation.
Management of Self & Career	ICT-02	2018	Through this course the student can have the ability of becoming financial managers, financial advisor in business world.
Advanced Electronics	0030495002	2018	By learning this course, students will be trained to perform advanced electronic experiments and useful for electronic devices in automation and electronic industries.
Experimental Techniques in Physics	0030496003	2018	By studying this course, the students of B.Sc. /M.Sc. Applied Physics programme will gain knowledge about various advanced experimental techniques of material characterization useful in material research laboratories and industries involved in the production of new materials.
Advances in Plant Biology	M.Phil.Bot-203	2018	Employability teaching and research institutes
Herbal Medicine	M.Phil.Bot-204	2018	Employability Pharmaceutical Industry and research institutes
Dissertation	M.Phil.Bot-205	2018	Employability in various Industries and research institutes
Biodegradation of Xenobiotic Compounds	M.Phil Micro203	2018	Useful to get employability in agriculture industries.
Food & Dairy Microbiology	M.Phil Micro204	2018	Increase the chances of their employability in food industries.
Dissertation	M.Phil Micro205	2018	Highly significant in future course of higher studies, job opportunities in industries, academic and research institutions.
METHODS IN ECOLOGY & ENVIRONMENT (Core)	M.Phil.Zool-101	2018	Employability NGOs and Forest department. Solve the environmental problems involving interaction of humans and natural systems at local or global level.
PHYSIOLOGY	M.Phil.Zool-202	2018	Jobs in various industries such as pharmaceutical companies & R & D areas in various institutes and companies.
WILDLIFE & CONSERVATION (Elective)	M.Phil.Zool-203	2018	Employability in the wildlife conservation management, Forest department and various NGO's.
Dissertation	M.Phil.Zool-204	2018	Employability in various Industries and research institutes. It also enhances their abilities for scientific writing which are very useful for higher studies, job opportunities in industries, NGOs, academic and research institutes. skills are enhanced through one semester hands on project work with dissertation.