

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.A. APPLIED ECONOMICS**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16AE11	Micro Economics Analysis – I
	P16AE12	Macro and Monetary Economics I
	P16AE13	Mathematical Methods for Economic Analysis
	P16AE14	Public Economics
	P16AEE1/P16ECE5	Computer Applications in Economics
II	P16AE21	Statistical Methods for Economic Analysis
	P16AE22	Micro Economic Analysis – II
	P16AE23	Macro and Monetary Economics – II
	P16AE24	International Economics
	P16AEE2	Econometrics
III	P16AE31	Agricultural Economics
	P16AE32	Economics of Growth and Development
	P16AE33	Environmental Economics
	P16AE34/P16EC33	Industrial Economics
	P16AEE3	Indian Economic Development
IV	P16AE41	Research Methodology
	P16AE42	Economics for Competitive Examination
	P16AEE4	Personnel Management
	P16AEE5	Advertising Management
	P16AEPW	Project

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.A. ECONOMICS**

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16EC11	Micro Economics – I
	P16EC12	Macro Economics I
	P16EC13	Monetary Economics
	P16EC14	Mathematical Methods for Economic Analysis
	P16ECE1	Environmental Economics
II	P16EC21	Financial Economics
	P16EC22	Micro Economics II
	P16EC23	Macro Economics II
	P16EC24	Statistics
	P16ECE2	Research Methodology
III	P16EC31	Indian Economy
	P16EC32	International Business
	P16EC33/P16AE34	Industrial Economics
	P16EC34	Fiscal Economics
	P16ECE3	Project Appraisal
IV	P16EC41	Economics of Growth & Development
	P16EC42	Economics of Natural Resources
	P16ECE4	Management Information Systems
	P16ECE5/P16AEE1	Computer Applications in Economics
	P16ECPW	Project Work

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.

M.A. ENGLISH

(Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16EN11	Language and Linguistics
	P16EN12	Modern Literature- I (1400-1660)
	P16EN13	Modern Literature – II (1660-1798)
	P16EN14	Indian Writing in English
	P16ENE1	Grammar, Rhetoric and Writing
II	P16EN21	Modern Literature – III (1798-1832)
	P16EN22	Modern Literature – IV (1832-1945)
	P16EN23	Shakespeare
	P16EN24	Literary Criticism
	P16ENE2	Communicative Studies and Mass Media
III	P16EN31	American Literature
	P16EN32	Theory of Comparative Literature and Classics in Translation
	P16EN33	Literary Theory
	P16EN34	Research Methodology
	P16ENE3	Asian Literature in English
IV	P16EN41	New Literatures in English
	P16EN42	Translation : Theory and Practice
	P16ENE4	Single-Author Study-Rabindranath Tagore
	P16ENE5	English Literature for UGC Examinations
	P16ENPW	Project Work

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.A. HISTORY**

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper	
I	P16HI11	Indian Civilization and Culture from Pre- history to 1206 A.D.	
	P16HI12	Indian Civilization and Culture from 1206 A.D. to 1707 A.D.	
	P16HI13	Socio-Cultural History of Tamilnadu from the Sangam Age to 1800 A.D.	
	P16HI14	History of World Civilizations upto 1453 A.D.(Excluding India)	
	P16HIE1A P16HIE1B	a)Human Rights (or) b)Archives Keeping	
II	P16HI21	Socio-Cultural History of India from 1707 AD to 1857 A.D.	
	P16HI22	Socio-Cultural History of Tamilnadu from 1800 A.D. to 1967A.D	
	P16HI23	History of Europe from 1453 A.D. to 1789A.D.	
	P16HI24	History of Science and Technology	
	P16HIE2A P16HIE2B	a)India and Her Neighbours (or) b)Principles and Methods of Archaeology	
	III	P16HI31	Freedom Movement in India
		P16HI32	History of Europe from 1789 A.D. to 1945A.D.
P16HI33		International Relations Since 1945 A.D.	
P16HI34		Historiography	
P16HIE3A P16HIE3B		a)Environmental History (with reference to India) (or) b) Ideas in History	
IV	P16HI41	India since 1947 A.D.	
	P16HI42	Constitutional History of India	
	P16HIE4A P16HIE4B	a)Tourism and Travel Management (or) b)Journalism	
	P16HIE5A P16HIE5B	a)Women Studies (or) b)General Knowledge and Current Affairs	
	P16HIPW	Project	

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.

M.A. SANSKRIT

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16SA11	Classical Poetry
	P16SA12	Classical Prose
	P16SA13	Drama
	P16SA14	Lyrics
	P16SAE1	Ayurveda / Ed.Rajeshwara Sharma
II	P16SA21	Etymology
	P16SA22	Poetics-I
	P16SA23	Vedanta-I
	P16SA24	Scientific Literature
	P16SAE2	Didactic Lyric
III	P16SA31	Poetics-II
	P16SA32	Grammar
	P16SA33	Yoga
	P16SA34	Nyaya
	P16SAE3	Philosophical Traditions
IV	P16SA41	Samkhya
	P16SA42	Poetics-III
	P16SAE4	Vedanta-II
	P16SAE5	Citra Kavyam & Prosody
	P16SAPW	Project

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.A. TAMIL**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16TA11	Ikkala Ilakkiam – I
	P16TA12	Ikkala Ilakkiam – II
	P16TA13	Citrilakkiam
	P16TA14	Tholkappiam-Ezhuthathikaram-Nachinarkkiniyar Urai
	P16TAE1	Kanini Thamil
II	P16TA21	Samaya Ilakkiam
	P16TA22	Kappiya Ilakkiam
	P16TA23	Ara Ilakkiam
	P16TA24	Tholkapiyam – Solsenavarayar Urai
	P16TAE2	Oppilakkiam
III	P16TA31	Sanga Ilakkiam-I (Ettuthogai)
	P16TA32	Sanga Ilakkiam-II (Patthupattu)
	P16TA33	Oppittunokkil ulaga semmozhigal
	P16TA34	Tholkappiyam-Porul (Munainthu (Iyalgal)- Nachinarkkiniyar Urai
	P16TAE3	Nattupuraviyal
IV	P16TA41	Ilakkiya kolgaigalum thiranaivum
	P16TA42	Tholkappiyam–Porul (Pinangu Iyalgal) Parasiriyar Urai
	P16TAE4A** P16TAE4B P16TAE4C P16TAE4D	Saivamum Tamilum Vainavamum Tamilum Isulamum Tamilum Kirithuvamum Tamilum
	P16TAE5A** P16TAE5B	Penniyam Mozhi Payerpeiyal
	P16TAPW	Project

**ஏதேனும் ஒரு தாள் மட்டும்

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.
MASTER OF SOCIAL WORK (MSW)

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16SW11	Introduction to Social Work and Society
	P16SW12	Social Case Work
	P16SW13	Social Group Work
	P16SW14P	Field Work Practice
	P16SWE1	Counselling: Theory and Practice
II	P16SW21	Community Organisation and Social Action
	P16SW22	Social Work Research and Social Statistics
	P16SW23	Human Growth and Personality Development
	P16SW24P	Field Work Practice
	P16SWE2	Human Resource Management
III	P16SW31	Social Welfare Administration, Social Policies, and Social Legislations
	***	Specialisation-I ***
	***	Specialisation – II ***
	P16SW34P	Field Work Practice
	P16SWE3	Corporate Social Responsibility
IV	***	Specialisation – III ***
	P16SW42P	Field Work Practice
	P16SWE4	Disaster Management
	P16SWE5P	Block Placement – (Internship)
	P16SWPW	Research Project Work

*** SPECIALISATIONS:

A.COMMUNITY DEVELOPMENT

P16SW32A--Rural Community Development
P16SW33A--Tribal Community Development & Project Management
P16SW41A--Urban Community Development

B. MEDICAL & PSYCHIATRIC SOCIAL WORK

P16SW32B – Community Health
P16SW33B – Medical Social Work
P16SW41B – Psychiatric Social Work

C.FAMILY AND CHILD WELFARE

P16SW32C--Women and Child Welfare
P16SW33C--Welfare of the Youth and the Aged
P16SW41C--Demography and Family Welfare

D. HUMAN RESOURCE MANAGEMENT (HRM)

P16SW32D - Human Resources Development
P16SW33D-- Labour Welfare and Industrial Relations
P16SW41D-- Organisational Behaviour

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.Com. COMMERCE**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16MC11	Managerial Economics
	P16MC12/P16COE3A/ P16BME1B	Services Marketing
	P16MC13	Corporate Laws
	P16MC14/P16FM12	Income Tax Theory Law & Practice
	P16MCE1A P16MCE1B/P16COE5B	a) Insurance Management (or) b) Retail Management
II	P16MC21	Advanced Financial Management
	P16MC22	Quantitative Techniques for Business Decisions
	P16MC23	Human Resources Management
	P16MC24T P16MC24P	Fundamentals of Information Technology (Theory) Fundamentals of Information Technology (Practicals)
	P16MCE2A P16MCE2B	a) Organizational Behaviour (or) b) Advanced Managerial Communication
III	P16MC31	Total Quality Management
	P16MC32	Advanced Corporate Accounting
	P16MC33	Research Methodology
	P16MC34	Strategic Management
	P16MCE3A P16MCE3B	a) Export Marketing (or) b) Brand Management
IV	P16MC41	Investment Management
	P16MC42	Advanced Cost & Management Accounting
	P16MCE4A P16MCE4B	a) E-Commerce (or) b) Customer Relationship Management
	P16MCE5A P16MCE5B	a) Project Management (or) b) Indirect Taxes
	P16MCPW	Project Work

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.Com. COMPUTER APPLICATION**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16CA11	Managerial Economics
	P16CA12	Marketing Management
	P16CA13	Management Information System
	P16CA14	E-Commerce
	P16CAE1A P16CAE1B	a)Working Capital Management (or) b)Organisational Behaviour
II	P16CA21	Quantitative Techniques for Business Decisions
	P16CA22T P16CA22P	Office Programming (Theory) Office Programming (Practical)
	P16CA23	Oracle and RDBMS
	P16CA24	Cost & Management Accounting
	P16CAE2A P16CAE2B	a)E-Banking (or) b)Advanced Managerial Communication
III	P16CA31	Research Methodology
	P16CA32	Advanced Corporate Accounting
	P16CA33T P16CA33P	Data Base & Desk Top Publication (Theory) Data Base & Desk Top Publication(Practicals)
	P16CA34T P16CA34P	Programming in C++ (Theory) Programming in C++ (Practicals)
	P16CAE3A P16CAE3B	a)Management Concepts (or) b)Customer Relationship Management
IV	P16CA41T P16CA41P	Java Based Business Applications (Theory) Java Based Business Applications (Practicals)
	P16CA42	Advanced Financial Management
	P16CAE4A P16CAE4B	a) Logistics and Supply Chain Management (or) b) Networking & Internet
	P16CAE5A P16CAE5B	a)Human Resource Management (or) b)Total Quality Management
	P16CAPW	Project Work

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.COM. FINANCIAL MANAGEMENT**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16FM11	Management Concepts
	P16FM12/P16MC14	Income Tax Theory Law & Practice
	P16FM13/P16CO13	Managerial Economics
	P16FM14	Accounting for Business Decisions
	P16FME1A P16FME1B	a)E-Commerce (or) b)Managerial Communication
II	P16FM21	Quantitative Techniques for Business Decisions
	P16FM22	Industrial Law
	P16FM23T P16FM23P	Fundamentals of Information Technology- Theory Fundamentals of Information Technology- Practical
	P16FM24	Advanced Cost Accounting
	P16FME2A P16FME2B	a)Financial Markets & Services (or) b)Human Resource Management
III	P16FM31	Project Management
	P16FM32	Research Methodology
	P16FM33	Advanced Corporate Accounting
	P16FM34	Advanced Financial Management
	P16FME3A P16FME3B	a)Insurance Management (or) b)Brand Management
IV	P16FM41	International Finance
	P16FM42	Entrepreneurial Development
	P16FME4A P16FME4B	a)Strategic Management (or) b)Investment Management
	P16FME5A P16FME5B	a)Total Quality Management (or) b) Management Information System
	P16FMPW	Project Work

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.COM.(Bank Management)**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16BM11	Indian Banking System
	P16BM12/P16CAE2A	E-Banking
	P16BM13	Advanced Financial Accounting
	P16BM14	Business Law
	P16BME1A P16BME1B/P16COE3A/ P16MC12	a)Insurance Management (or) b)Services Marketing
II	P16BM21	Banking Theory Law & Practice
	P16BM22	Quantitative Techniques for Bank Managers
	P16BM23T P16BM23P	Fundamentals of Information Technology (Theory) Fundamentals of Information Technology -Practical
	P16BM24	Management Accounting for Bank Managers
	P16BME2A P16BME2B	a)E-Commerce (or) b)Organisational Behaviour
	III	P16BM31
P16BM32		Research Methodology
P16BM33		Marketing for Banking Services
P16BM34		Security Analysis and Portfolio Management
P16BME3A P16BME3B		a)Bank Audit (or) b)Foreign Exchange Management
IV		P16BM41
	P16BM42	Advanced Financial Management
	P16BME4A P16BME4B	a)Banking for Economic Development (or) b)Global Banking System
	P16BME5A P16BME5B	a)International Finance (or) b)Human Resource Management
	P16BMPW	Project Work

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.COM.(CO-OPERATIVE MANAGEMENT**

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16CO11	Co-operation Theory and Development
	P16CO12	Management of Cooperative Enterprises
	P16CO13	Managerial Economics
	P16CO14/P16BME2B/P16MCE2A	Organisational Behaviour
	P16COE1A P16COE1B	a)Rural Development (or) b)Rural Social Institutions
II	P16CO21	Cooperative Accounts and Audit
	P16CO22	Financial Management
	P16CO23	Human Resource Management
	P16CO24	Research Methods & Statistics
	P16COE2A P16COE2B	a)Investment Management (or) b)Quantitative Techniques
	III	P16CO31
P16CO32		Dynamics of Cooperation
P16CO33		Marketing Management
P16CO34P		Practical Training and Internship
P16COE3A P16COE3B		a)Services Marketing (or) b)Export Marketing
IV		P16CO41
	P16CO42	Management Information System
	P16COE4A P16COE4B	a)Strategic Management (or) b)Project Management
	P16COE5A P16COE5B	a)Total Quality Management (or) b)Retail Management
	P16COPW	Project Work

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.Sc. BIO CHEMISTRY**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16BC11	Chemistry of Biomolecules
	P16BC12	Analytical Techniques
	P16BC13	Enzymes and Enzyme Technology
	P16BC14	Cell Biology and Physiology
	P16BC15P	Practical-I (Biochemical Techniques and Enzymology)
II	P16BC21	Metabolism and Regulation
	P16BC22	Molecular Biology
	P16BC23P	Practical-II (Molecular and Microbial Techniques)
	P16BCE1	Biostatistics
	P16BCE2	Microbiology
III	P16BC31	Immunology
	P16BC32	Clinical Biochemistry
	P16BC33P	Practical – III (Clinical Biochemistry)
	P16BCE3	Genetic Engineering
	P16BCE4	Developmental Biology
IV	P16BC41	Endocrinology
	P16BC42	Bioinformatics
	P16BC43P	Practical-IV (Phytochemistry, Soil Analysis and Immunological Techniques)
	P16BCE5	Ecology and Environmental Sciences
	P16BCPW	Project Work

Controller of Examination

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.Sc. BIOTECHNOLOGY**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16BT11	Cell Biology
	P16BT12	Microbiology
	P16BT13	Biochemistry
	P16BT14	Molecular Biology
	P16BT15P	Cell Biology, Microbiology,,Biochemistry & Molecular Biology – Practical
II	P16BT21	rDNA Technology
	P16BT22	Immunology
	P16BT23P	rDNA Technology & Immunology –Practical
	P16BTE1	Bio Instrumentation
	P16BTE2	Bio Informatics
III	P16BT31	Plant Biotechnology
	P16BT32	Animal Biotechnology
	P16BT33P	Plant and Animal Biotechnology –Practical
	P16BTE3	Biostatistics, Bioethics and IPR
	P16BTE4	Biotechnology for Entrepreneurs
IV	P16BT41	Bioprocess Technology
	P16BT42	Food Technology
	P16BT43P	Bioprocess and Food Technology- Practical
	P16BTE5	Environment Biotechnology and Nanotechnology
	P16BTPW	Project

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.SC. BOTANY**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16BO11	Plant Biodiversity I (Algae, Fungi, Lichens and Bryophytes)
	P16BO12	Plant Biodiversity II (Pteridophytes, Gymnosperms and Paleobotany)
	P16BO13	Microbiology, Plant Pathology and Immunology
	P16BO14	Biofertilizers and Mushroom Technology
	P16BO15P	Plant Biodiversity I & II Microbiology, Plant Pathology and Immunology & Biofertilizers and Mushroom Technology-Practical
II	P16BO21	Anatomy, Embryology and Morphogenesis
	P16BO22	Angiosperm Taxonomy, Ecology and Conservation
	P16BO23P	Anatomy, Embryology and Morphogenesis & Angiosperm Taxonomy, Ecology and Conservation – Practical
	P16BOE1	Forestry and Wood Science
	P16BOE2	Industrial Microbiology
III	P16BO31	Cell Biology, Genetics and Plant Breeding
	P16BO32	Plant Physiology, Biochemistry and Biophysics
	P16BO33P	Cell Biology, Genetics and Plant Breeding & Plant Physiology, Biochemistry and Biophysics- Practical
	P16BOE3	Genetic Engineering and Biotechnology
	P16BOE4	Horticulture and Landscaping
IV	P16BO41	Plant Tissue Culture
	P16BO42	Research Methodology
	P16BO43P	Plant Tissue Culture & Research Methodology- Practical
	P16BOE5	Food Preservation and Processing
	P16BOPW	Project Work

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.SC. CHEMISTRY**

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16CH11	Organic Chemistry – I
	P16CH12	Inorganic Chemistry – I
	P16CH13	Physical Chemistry – I
	P16CH14P	Organic Chemistry -Practical – I
	P16CH15P	Inorganic Chemistry - Practical – I
II	P16CH21	Inorganic Chemistry – II
	P16CH22	Physical Methods in Chemistry – I
	P16CH23P	Organic Chemistry- Practical-II
	P16CH24P	Inorganic Chemistry- Practical-II
	P16CHE1A P16CHE1B	A)Solid State Chemistry (or) B)Supramolecular Chemistry
III	P16CH31	Organic Chemistry – II
	P16CH32	Physical Chemistry – II
	P16CH33P	Physical Chemistry -Practical – I
	P16CHE2A P16CHE2B	A)Pharmaceutical Chemistry (or) B)Bio-organic Chemistry
	P16CHE3	Analytical Chemistry
IV	P16CH41	Physical Methods in Chemistry – II
	P16CH42P	Physical Chemistry- Practical-II
	P16CHE4A P16CHE4B	A)Green Chemistry (or) B) Industrial Chemistry
	P16CHE5A P16CHE5B	A)Selected Topics in Chemistry (or) B)Chemistry of Nanoscience and Nanotechnology
	P16CHPW	Project

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.
M.SC. COMPUTER SCIENCE

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16CS11	Mathematical Foundation for Computer Science
	P16CS12	Web Technologies
	P16CS13	Design and Analysis of Algorithms
	P16CS14	Distributed Operating Systems
	P16CS15P	Web Technologies Lab- Practical
II	P16CS21/P16IT13	OOAD & UML
	P16CS22	Distributed Computing
	P16CS23P	Distributed Computing Lab- Practical
	P16CSE1	Any one from Elective List - I
	P16CSE2	Any one from Elective List – II
III	P16CS31	Data Mining and Ware Housing
	P16CS32	Compiler Design
	P16CS33P	Data Mining Lab –Practical
	P16CSE3	Any one from the Elective List-III
	P16CSE4	Any one from the Elective List – IV
IV	P16CS41	Cloud Computing
	P16CS42	Wireless Sensor Networks
	P16CS43P	Open Source Lab –Practical
	P16CSE5	Any one from the Elective List – V
	P16CSPW	Project

ELECTIVE – I

P16CSE1A. Mobile Computing
P16CSE1B. Web Services
P16CSE1C. Human Computer Interaction

ELECTIVE – III

P16CSE3A. Parallel Processing
P16CSE3B. Advanced Computer Architecture

P16CSE3C. Pervasive Computing

ELECTIVE – V

P16CSE5A. Big Data Analytics
P16CSE5B. MANET
P16CSE5C. Digital Image Processing

ELECTIVE - II

P16CSE2A. Embedded Systems
P16CSE2B. Artificial Intelligence
P16CSE2C. Pattern Recognition

ELECTIVE – IV

P16CSE4A. Network Security
P16CSE4B. Computer Simulation & Modeling

P16CSE4C/P16ITE5C. Soft Computing

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.SC. ELECTRONICS**

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper	
I	P16EL11	Design of Analog Circuits	
	P16EL12	Design of Digital Circuits	
	P16EL13	Signals and Systems	
	P16EL14	VLSI Design and VHDL Programming	
	P16EL15P	Electronics- I Practical Analog & Digital Circuits Lab.	
II	P16EL21	Microcontroller 8051 and IDE	
	P16EL22	Electromagnetic Theory	
	P16EL23P	Electronics – II – Practical VHDL Programming Lab	
	P16ELE1A P16ELE1B	Optoelectronics (or) Medical Electronics	
	P16ELE2A P16ELE2B	Digital Communication (or) Embedded Linux with RTOS	
	III	P16EL31	Micro Controller PIC and MP Lab
P16EL32		Digital Signal Processor	
P16EL33P		Electronics – III –Practical (8051 Microcontroller Microwave Lab)	
P16ELE3A P16ELE3B		Microcontroller ATMEGA and IDE (or) Wireless Communication	
P16ELE4A P16ELE4B		Mobile Communication (or) CAD and PCB Design	
IV		P16EL41	ASIC and FPGA Design
		P16EL42	Programmable Digital Signal Processor
	P16EL43P	Electronics – IV –Practical (PIC & AVR Microcontroller, DSP and FPGA Lab)	
	P16ELE5A P16ELE5B	Mems and Nano Electronics (or) Programmable Logic Controller and SCADA	
	P16ELPW	Project	

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.
M.SC. ENVIRONMENTAL SCIENCE

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16ES11	Principles of Ecology & Environmental Science
	P16ES12	Environmental Chemistry and Toxicology
	P16ES13	Environmental Microbiology and Biotechnology
	P16ES14	Climate Change and Current Issues
	P16ES15P	Environmental Chemistry. Microbiology and Biotechnology –Practical
II	P16ES21	Environmental Pollution Studies
	P16ES22	Environmental Geology, Geography & Remote Sensing
	P16ES23P	Environmental Geology and Geography and Remote Sensing –Practical
	P16ESE1	Biodiversity and Conservation
	P16ESE2	Environmental Ethics, Law & Policy
III	P16ES31	Waste Management and Remediation
	P16ES32	Energy & Green Technology
	P16ES33P	Energy & Remediation –Practical
	P16ESE3	Natural Resource Management
	P16ESE4	Statistical and Computer Applications in Environmental Studies
IV	P16ES41	Environmental Analytical Methods
	P16ES42	Environmental Impact Assessment and Environmental Audit
	P16ES43P	Environmental Analytical Methods – Practical
	P16ESE5	Industrial Pollution and Safety Management
	P16ESPW	Project

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.Sc. FASHION TECHNOLOGY & COSTUME DESIGNING**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16FT11	Technical Textiles
	P16FT12	Apparel Production Technology
	P16FT13	Apparel Standards and Quality Control
	P16FT14	Textile Wet Processing
	P16FT15P	Textile Wet Processing –Practical
II	P16FT21	Fashion Concepts
	P16FT22	Pattern making and Clothing Construction
	P16FT23	Apparel Merchandising
	P16FT24	Entrepreneurship Development
	P16FTE1P	Advanced Garment Designing –Practical
III	P16FT31P	Fashion Illustration and Portfolio- Practical
	P16FT32P	Computer Application in Apparel Industry- (P)
	P16FT33	Research Methodology and Statistics
	P16FTE2	Clothing Production Management
	P16FTE3	Apparel Export Management & Global Marketing
IV	P16FT41	Knitting Garment Technology
	P16FT42	Textile Economics
	P16FTE4	Fashion Communication and Visual Merchandising
	P16FTE5	Home Textiles
	P16FTPW	Project

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.SC. FOOD SERVICE MANAGEMENT AND DIETETICS**

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16FS11	Advanced Food Science
	P16FS12	Nutrition through Life Span
	P16FS13	Clinical Biochemistry
	P16FS14	Food Service Management
	P16FS15P	Advanced Food Science Nutrition through Life Span Clinical Biochemistry –Practical
II	P16FS21	Dietetics
	P16FS22	Food Microbiology & Sanitation
	P16FS23P	Dietetics Practical and Dietary Internship Practical
	P16FSE1	Functional Foods and Nutraceuticals
	P16FSE2	Front Office Management and Housekeeping
III	P16FS31	Quantity Food Production and Service
	P16FS32	Research Methods and Statistical Techniques
	P16FS33P	Quantity Food Production and Service Practical
	P16FSE3	Hospital Food Service Administration
	P16FSE4	Food Product Development
IV	P16FS41	Food Service Facilities
	P16FS42	Management and Accounting in Hospitality Industry
	P16FS43P	Catering Internship -Practical
	P16FSE5	Counselling Skills
	P16FSPW	Project

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.SC. HOSPITAL ADMINISTRATION**

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16HA11	Principles of Hospital Administration & Health Economics
	P16HA12	Epidemiology
	P16HA13	Basic Biological Science Part-I
	P16HA14	Organizational Behaviour
	P16HA15	Biostatistics
II	P16HA21	Basic Biological Science Part – II
	P16HA22	Hospital Facilities Planning and Administration
	P16HA23	Hospital Information System
	P16HAE1	Materials Management
	P16HAE2	Human Resource Management
III	P16HA31	Ethics, Legal Aspects of Hospital Administration
	P16HA32	Marketing for Health Care Services
	P16HA33	Accounting and Financial Management
	P16HAE3	Research Methodology
	P16HAE4	Quality Assurance
IV	P16HA41	Managerial Communication, Public Relation and Counselling
	P16HA42	Management Concepts
	P16HA43	Administration of Hospital Staff and Medical Records Management
	P16HAE5	Strategic Management & Planning
	P16HAPW	Project

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.SC. HOTEL MANAGEMENT & CATERING SCIENCE**

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16HM11	Hospitality French
	P16HM12	Front Office Management
	P16HM13	Food & Beverage Service Management
	P16HM14	Food Production theory
	P16HM15P	Advanced Food Production Theory -Practical
II	P16HM21	Principles of Service Marketing
	P16HM22	Event Management
	P16HM23P	Advanced Food & Beverage Service – Practical
	P16HME1	Accommodation Management
	P16HME2	Principles of Accounting
III	P16HM31	Personality and Soft Skill Development
	P16HM32	Research Methodology
	P16HM33P	Front Office and Accommodation Management-Practical
	P16HME3	Tourism Management
	P16HME4	Home Scale and Food Preservation
IV	P16HM41	Basic Baking Science
	P16HM42	Catering Management
	P16HM43P	Application of IT in Hospitality Industry Practical
	P16HME5	Entrepreneurship Management
	P16HMPW	Dissertation

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.SC. INFORMATION TECHNOLOGY**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16IT11	Distributed Technologies
	P16IT12	Web Services
	P16IT13/P16CS21	OOAD and UML
	P16IT14	Organizational Behaviour
	P16IT15P	Distributed Technologies Lab –Practical
II	P16IT21	Mobile Computing
	P16IT22	Multimedia Technology
	P16IT23P	Mobile Computing Lab –Practical
	P16ITE1	Any one from the Elective List – I
	P16ITE2	Any one from the Elective List – II
III	P16IT31	J2EE Technologies
	P16IT32	Network Security
	P16IT33P	J2EE Technologies Lab –Practical
	P16ITE3	Any one from the Elective List – III
	P16ITE4	Any one from the Elective List –IV
IV	P16IT41	Internet of Things
	P16IT42	Distributed Operating Systems
	P16IT43P	Open Source Technologies Lab- Practical
	P16ITE5	Any one from the Elective List – V
	P16ITPW	Project

ELECTIVE- I

P16ITE1A. Cloud Computing
P16ITE1B. Grid Computing
P16ITE1C. Parallel Computing

ELECTIVE-III

P16ITE3A .Big Data Analytics
P16ITE3B. Digital Image Processing
P16ITE3C. Pattern Recognition

ELECTIVE –II

P16ITE2A. Management Information Systems
P16ITE2B . E-Commerce
P16ITE2C. Marketing Management

ELECTIVE-IV

P16ITE4A. Software Engineering
P16ITE4B. Software Testing
P16ITE4C . Software Metrics

ELECTIVE –V

P16ITE5A. Pervasive Computing
P16ITE5B. Human Computer Interaction
P16ITE5C/P16CSE4C. Soft Computing

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.
M.SC. MATHEMATICS

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16MA11	Algebra
	P16MA12	Real Analysis
	P16MA13	Ordinary Differential Equations
	P16MA14	Graph Theory
	P16MA15	Integral Equations, Calculus of Variations and Transforms
II	P16MA21	Complex Analysis
	P16MA22	Linear Algebra
	P16MA23	Partial Differential Equations
	P16MAE1	Any one from the Elective List - I
	P16MAE2	Any one from the Elective List – II
III	P16MA31	Classical Dynamics
	P16MA32	Measure and Integration
	P16MA33	Topology
	P16MAE3	Any one from the Elective List – III
	P16MAE4	Any one from the Elective List – IV
IV	P16MA41	Functional Analysis
	P16MA42	Differential Geometry
	P16MA43	Advanced Numerical Analysis
	P16MAE5	Any one from the Elective List – V
	P16MAPW	Project

ELECTIVE – I

P16MAE1A. Advanced Probability Theory

P16MAE1B. Mathematical Modeling

P16MAE1C. Fuzzy Sets & their Applications

ELECTIVE – II

P16MAE2A. Stochastic Processes

P16MAE2B. Tensor Analysis & Special
Theory of Relativity

P16MAE2C. Non-linear Differential Equations

ELECTIVE – III

P16MAE3A. Design and Analysis of Algorithms

P16MAE3B. Discrete Mathematics

P16MAE3C. Automata Theory

ELECTIVE – IV

P16MAE4A. Financial Mathematics

P16MAE4B. Advanced Operations Research

P16MAE4C. Combinatorics

ELECTIVE – V

P16MAE5A. Algebraic Topology

P16MAE5B. Fluid Dynamic

P16MAE5C. Algebraic Number Theory

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.SC. MICROBIOLOGY (Course Structure under CBCS)**

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16MB11	Fundamentals of Biological Sciences
	P16MB12	General Microbiology
	P16MB13	Virology
	P16MB14	General Biochemistry
	P16MB15P	Fundamentals of Biological Sciences, General Microbiology, Virology, General Biochemistry- Practical
II	P16MB21	Microbial Physiology
	P16MB22	Environmental and Agricultural Microbiology
	P16MB23P	Microbial Physiology, Environmental and Agricultural Microbiology – Practical
	P16MBE1	Any one from the Elective List – I
	P16MBE2	Any one from the Elective List – II
III	P16MB31	Molecular Biology and Microbial Genetics
	P16MB32	Immunology
	P16MB33P	Molecular Biology and Microbial Genetics, Immunology – Practical
	P16MBE3	Any one from the Elective List – III
	P16MBE4	Any one from the Elective List – IV
IV	P16MB41	Medical Microbiology
	P16MB42	Bioprocess Technology
	P16MB43P	Medical Microbiology & Bioprocess Technology – Practical
	P16MBE5	Any one from the Elective List – V
	P16MBPW	Project

Elective – I / Semester – II

P16MBE1A. Biological Techniques

P16MBE1B. Food & Dairy Microbiology

Elective – II / Semester – II

P16MBE2A. Molecular Taxonomy & Phylogeny

P16MBE2B. Quality Control & IPR

Elective – III / Semester – III

P16MBE3A. Medical Laboratory Technology

P16MBE3B. Marine Microbiology

Elective – IV / Semester - III

P16MBE4A. Bioinformatics & Biostatistics

P16MBE4B. Genetic Engineering

Elective – V / Semester – IV

P16MBE5A. Microbial Biotechnology

P16MBE5B. Microbial Nanotechnology

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.
M.SC. PHYSICS

Revised Course Structure under CBCS
(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16PY11	Mathematical Physics
	P16PY12	Classical Dynamics & Relativity
	P16PY13	Electronics
	P16PY14	Methods of Spectroscopy
	P16PY15P	Physics- Practical-I (General & Electronics)
II	P16PY21	Electromagnetic Theory
	P16PY22	Quantum Mechanics
	P16PY23P	Physics-Practical-II (Microprocessor & Programming
	P16PYE1	Microprocessor & Microcontroller
	P16PYE2	Numerical Methods & C++ Programming
III	P16PY31	Statistical Mechanics
	P16PY32	Solid State Physics
	P16PY33P	Physics –Practical –III (General & Electronics)
	P16PYE3	Crystal Growth & Thin Film Physics
	P16PYE4	Nonlinear Optics
IV	P16PY41	Nuclear & Particle Physics
	P16PY42	Advanced Physics
	P16PY43P	Physics – Practical –IV (Electronics)
	P16PYE5	Nanophysics
	P16PYPW	Project

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.SC. VISUAL COMMUNICATION**

Revised Course Structure under CBCS)

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper
I	P16VC11	Dynamics of Visual Communication
	P16VC12	Image and Imagination
	P16VC13	Design Principles and Packaging
	P16VC14	Introduction to Film Studies
	P16VC15P	Professional Photography - Practical
II	P16VC21	Writing for the Media
	P16VC22	Theories of Communication and Visual Analysis
	P16VC23P	Multimedia and Applications- Practical
	P16VCE1	Advertising and Public Relations
	P16VCE2	Fundamentals of Sound
III	P16VC31	Development Communication
	P16VC32	Communication Research Methods
	P16VC33P	Audio and Video Production Techniques-Practical
	P16VCE3	Audio Visual Media
	P16VCE4	Contemporary Media Systems
IV	P16VC41	Media Management
	P16VC42	Media Ethics
	P16VC43P	Web Designing Principles and Techniques- Practical
	P16VCE5	Culture and Communication
	P16VCPW	Dissertation & Internship

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.**M.SC. ZOOLOGY**

Revised Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2016-2017 onwards)

Semester	Subject Code	Title of the Paper	
I	P16ZO11	Animal Taxonomy, Phylogeny and Biodiversity	
	P16ZO12	Cell and Molecular Biology	
	P16ZO13	Molecular Genetics and Evolution	
	P16ZO14	Developmental Biology	
	P16ZO15P	Animal Taxonomy, Phylogeny and Biodiversity, Cell and Molecular Biology, Molecular Genetics & Evolution and Developmental Biology (P)	
II	P16ZO21	Animal Physiology	
	P16ZO22	Biochemistry & Biophysics	
	P16ZO23P	Animal Physiology & Biochemistry & Biophysics – Practical	
	P16ZOE1A P16ZOE1B	Applied Biotechnology (or) Endocrinology	
	P16ZOE2A P16ZOE2B	Coastal Geomorphology (or) Poultry Farming	
	III	P16ZO31	Microbiology
		P16ZO32	Biostatistics and Computer Applications
P16ZO33P		Microbiology & Biostatistics & Computer Applications – Practical	
P16ZOE3A P16ZOE3B		Research Methodology and Bio-techniques (or) Applied Entomology	
P16ZOE4A P16ZOE4B		Fishery biology (or) Bioinformatics	
IV		P16ZO41	Environmental Biology
		P16ZO42	Immunology
	P16ZO43P	Environmental Biology & Immunology (P)	
	P16ZOE5A P16ZOE5B	Sericulture (or) Aquaculture	
	P16ZOPW	Project	

Controller of Examinations

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024.
M.A. POLITICAL SCIENCE (Course Structure under CBCS)
(Applicable to the candidates admitted from the academic year 2015-2016 onwards)

Semester	Subject Code	Title of the Paper
III	P15PS31	Western Political Thought
	P15PS32	Policy Science
	P15PS33	National Building and Political Process
	P15PSE2	Governance
	P15PSE3	Human Rights
IV	P15PS41	International Organisations
	P15PS42	Research Methodology
	P15PSE4	Gandhian Thought
	P15PSE5	Basics of Globalisation
	P15PSPW	Project Work

Controller of Examinations



பாரதிதாசன் பல்கலைக்கழகம்
பல்கலைப்பேரூர், திருச்சிராப்பள்ளி-620 024.

முனைவர். இரா. திருமுருகன். பிஹேச்டி.
தேர்வு நெறியாளர் (பொ)

தொ.எண்: 0431 - 2407016

கடித எண். தேர்வுப்பிரிவு /முதுநிலை / Subject Codes/ Nov 2016

நாள்: 10.09.2016

பெறுநர்
முதல்வர் அவர்கள்
தன்னாட்சி பெறாத அங்கீகரிக்கப்பட்ட கல்லூரி

அய்யா / அம்மா,

பொருள்: தேர்வுப்பிரிவு - முதுநிலை -நவம்பர் 2016-2017 கல்வியாண்டில் சேர்க்கை
பெற்ற மாணவ / மாணவிகள் முதல் பருவத்திலிருந்து நான்காம் பருவம்
வரை புதிய பாடக்குறியீடுகள் தெரிவித்தல் - தொடர்பாக.

2016-17ஆம் கல்வியாண்டில் சேர்க்கை பெற்ற முதுநிலை மாணவ /
மாணவியர்களுக்கான புதிய பாடக்குறியீடுகளை பல்கலைக்கழக இணையதளத்தில்
www.bdu.ac.in என்ற வலைதளத்தில் பதிவிறக்கம் செய்து கொள்ளவும்.

நடைபெறவிருக்கிற நவம்பர் - 2016ம் தேர்வு விண்ணப்பத்தை ப்ரீர்த்தி செய்ய மாணவ,
மாணவியர்கள் அறியும்படி இப்பாடக்குறியீடுகளை அறிவிப்பு பலகையில் வெளியிடுமாறு
கேட்டுக்கொள்ளப்படுகிறது.

இக்கடிதம் பெற்றுக்கொண்டமைக்கு ஒப்புதல் அளிக்குமாறு கேட்டுக் கொள்கிறேன்

தங்கள் நம்பிக்கையுள்ள

தேர்வு நெறியாளர்