

DIRECTION

No.91/2022

Date : 10/11/ 2022

**Subject : List of Subjects comprised in each Faculty constituted by the provision of Maharashtra Public Universities Act, 2016, Direction, 2022.**

Ref'nce : (1) Direction No. 16/2017, dated 3.7.2017  
(2) Direction No. 8/2018, dated 24.1.2018  
(3) Direction No. 22/2022, dated 31.3.2022

Whereas, "Maharashtra Public Universities Act, 2016" has been implemented for Non-Agricultural Universities in the State,

AND

Whereas, the Higher & Technical Education Department of Maharashtra has been directed to implement the said Act with effect from 1st March, 2017,

AND

Whereas, for the time being, Vice-Chancellor have the power to regulate the matter by issuing direction under the provision of sub-section (8) of Section 12 of the Maharashtra Public Universities Act, 2016,

AND

Whereas, Direction Nos. 16/2017, 8/2018 and 22/2022 in respect of List of Subjects comprised in each Faculty were issued on 3.7.2017, 24.1.2018 and 31.3.2022 respectively,

AND

Whereas, the proviso of sub-section (8) of Section 12 of the Maharashtra Public Universities Act, 2016 provides that such direction to be converted into related statutory forms within six months and failing which such direction shall be automatically lapsed,

AND

Whereas, the Statute Committee have the power to prepare the draft Statute and place it before the Management Council under sub-section (2) of Section 72 of the Maharashtra Public Universities Act, 2016,

AND

Whereas, making Statute in this respect is a time consuming process,

AND

Whereas, meanwhile in view of transacting day to day business, it is necessary to issue the direction in respect of List of Subjects comprised in each Faculty,

AND

Whereas, the Academic Council in its meeting dated 13.1.2020, vide item No. 4 has resolved that a fresh Direction shall be issued by superseding earlier direction if the relative legislation not be made in a stipulated period,

Now, therefore, I, Dr. V.S.Chowbe, Acting Vice Chancellor of Sant Gadge Baba Amravati University, in exercise of powers conferred upon me under sub-section (8) of Section 12 of Maharashtra Public Universities Act, 2016, do hereby directs as under;

- i) This Direction may be called "List of Subjects comprised in each Faculty constituted by the provision of Maharashtra Public Universities Act, 2016, Direction, 2022."
- ii) This Direction shall come into force w.e.f. the date of its issuance.
- iii) The list of subjects comprised in each faculty shall be prescribed in the 'Annexure', annexed with this Direction.
- iv) Hereinafter, the original Statute - 19 shall stands repealed.

Date: 09/11/2022

Sd/-  
(Dr. V.S.Chowbe)  
Acting Vice Chancellor

List of Subjects comprised in each Faculty constituted by the provision of Maharashtra Public Universities Act, 2016

**(A) FACULTY OF SCIENCE AND TECHNOLOGY**

**a) Science Group:**

- (1) Mathematics
- (2) Physics
- (3) Renewable Energy
- (4) Non Conventional Energy System
- (5) Chemistry
- (6) Industrial Chemistry
- (7) Petrochemical Science
- (8) Pharmaceutical Chemistry
- (9) Geology
- (10) Ground Water Exploration and Watershed Management
- (11) Watershed Technology & Management
- (12) Botany
- (13) Environmental Science
- (14) Seed Technology
- (15) Plant Tissue Culture
- (16) Zoology
- (17) Biological Techniques & Specimen Preparation
- (18) Industrial Fish & Fisheries"
- (19) Apiculture,
- (20) Biochemistry
- (21) Forensic Science
- (22) Microbiology
- (23) Food Science
- (24) Industrial Microbiology,
- (25) Food Processing & Technology
- (26) Statistics
- (27) English, Marathi, Hindi, Urdu, Sanskrit & Supplementary English
- (28) Electronics
- (25) Instrumentation
- (26) Computer Maintenance
- (27) Computer Hardware
- (28) Mechatronics
- (29) Bio-Medical Electronics
- (33) Biotechnology
- (34) Biodiversity
- (35) Bioinformatics
- (36) Computer Science
- (37) Computer Application
- (38) Computer Software
- (39) Computer Hardware
- (40) Information Technology,
- (41) Animation
- (42) Web Technology
- (43) Multimedia
- (44) Herbal Science

**b) Engineering & Technology Group :**

**i) Engineering Mechanics & Structural Analysis :**

- 1) Engineering Mechanics
- 2) Strength of Materials
- 3) Structural Analysis
- 4) Structural Analysis by Matrix Methods
- 5) Advanced Structure Analysis
- 6) Finite Element Methods
- 7) Introduction of Earthquake Engineering
- 8) Analysis & Design of Structures for Earthquake & Wind
- 9) Numerical Methods & Computer Programming

**ii) Building Construction & Materials :**

- 10) Building Construction & Engineering Geology
- 11) Building Planning Designing & CAD
- 12) Basics to Building Construction
- 13) Masonry Structures
- 14) Advanced Construction Materials

**iii) Transportation Engineering :**

- 15) Transportation Engineering
- 16) Highway Construction & Management
- 17) Traffic Engineering & Management
- 18) Pavement Design

**iv) Concrete Technology & Structural Design :**

- 19) Concrete Technology & RCC
- 20) Design of Reinforced & Prestressed Concrete Structures
- 21) Repairs of Rehabilitation of Structures
- 22) Design of Steel Structures
- 23) Advanced Design of Steel Structures
- 24) Advanced Prestressed Concrete Structures
- 25) Advanced Design of RCC Structures

**v) Hydrology & Water Resources Engineering :**

- 26) Hydrology & Water Resources Engineering
- 27) Watershed Engineering & Management
- 28) Water Power Engineering

**vi) Environmental Engineering :**

- 29) Environmental Engineering – I
- 30) Environmental Management
- 31) Environmental Impact Assessment & Life Cycle
- 32) Advanced Waste Water Engineering
- 33) Advanced Water Treatment
- 34) Industrial Waste Water Treatment
- 35) Solid & Hazardous Waste Management

**vii) Surveying & Geomatics :**

- 36) Surveying
- 37) Surveying & Geomatics
- 38) Geographic Information System & Science

**viii) Geotechnical Engineering :**

- 39) Geotechnical Engineering
- 40) Advanced Geotechnical Engineering

**ix) Fluid Mechanics & Hydraulic Engineering :**

- 41) Fluid Mechanics
- 42) Hydraulic Engineering

**x) Construction Management & Machinery :**

- 43) Construction Equipments & Machinery
- 44) Construction Project Management
- 45) Construction Economics and Estimating Costing
- 46) Sustainable Construction Methods
- 47) Disaster Management

**xi) Human Resource Development :**

- 48) Human Resource Development & Organizational Behaviour
- 49) Soft Skills & Inter-personal Communication

**xii) Thermal Engineering :**

- 50) Engineering Thermodynamics
- 51) Thermal Power Engineering
- 52) Energy Conversion
- 53) Heat Transfer
- 54) Refrigeration & Air Conditioning
- 55) Fluid Mechanics & Machines / Fluid Power & Machines
- 56) Gas Turbines
- 57) Computational Fluid Dynamics
- 58) Cryogenics
- 59) I.C. Engines
- 60) Automobile Engineering
- 61) Non-conventional Energy Sources
- 62) Energy Management

**xiii) Design :**

- 63) Design of Machine Elements
- 64) Dynamics of Machines
- 65) Design of Transmission Systems
- 66) Engineering Graphics
- 67) Kinematics of Machines
- 68) Hydraulic & pneumatic Systems
- 69) Theory of Machines
- 70) Tool & Die Design
- 71) Control System Engineering
- 72) Finite Element Methods
- 73) Basic Electrical Drives & Control

**xiv) Manufacturing :**

- 74) Manufacturing Processes
- 75) Lean Manufacturing
- 76) Industrial Management & Costing
- 77) Measurement Systems
- 78) Metrology & Quality Control
- 79) Material Science
- 80) Mechanics of Materials
- 81) Operation Research
- 82) Project Management
- 83) Production Management
- 84) Supply Chain Management
- 85) Machine Tools
- 86) Welding Technology

**xv) Industrial Automation :**

- 87) 3 D Printing / Rapid Prototyping
- 88) Advanced Manufacturing Processes
- 89) Artificial Intelligence & Machine Learning
- 90) CAD / CAM & CIM
- 91) Concurrent Engineering
- 92) Electric Vehicles
- 93) Internet of Things
- 94) Mechatronics
- 95) Micro-electromechanical Systems (MEMS)
- 96) Virtual Reality

**xvi) Design :**

- 97) Material Handling
- 98) Product Design

**xvii) Manufacturing:**

- 99) Value Engineering
- 100) Lean Manufacturing
- 101) Casting Processes
- 102) Mechanical Working of Metals
- 103) Metallurgy & Heat Treatment Processes
- 104) Surface Finishing Processes
- 105) Processes Engineering
- 106) Numerical Techniques for Mechanical Engineers
- 107) Processing Plastics

**xviii) Production Management :**

- 108) Production Planning & Control
- 109) Inventory Control
- 110) Maintenance Management
- 111) Work Study & Ergonomics
- 112) Industrial Safety

**xix) Industrial Automation :**

- 113) Industrial Automation & Robotics
- 114) Artificial Intelligence & Machine Learning

**xx) Computer Programming:**

- 115) Computer Programming
- 116) Object Oriented Programming
- 117) Computer Architecture
- 118) Computer Graphics & Network Security
- 119) Data Structure
- 120) Introduction to Java
- 121) Introduction to Python Programming
- 122) Data Base Management System

**xxi) Electrical Engineering :**

- 123) Electrical Engineering
- 124) Network Theory
- 125) Network Analysis

**xxii) Signals & Systems:**

- 126) Signals & Systems
- 127) Digital Signal Processing
- 128) Advanced Digital Signal Processing
- 129) Adaptive Digital Image Processing
- 130) Digital Image Processing
- 131) Speech & Audio Processing
- 132) Digital Image & Video Processing
- 133) Mixed Signal Design

**xxiii) Control Systems :**

- 134) Control Systems
- 135) Control Systems Engineering

**xxiv) Analog Circuits :**

- 136) Electronic Devices & Circuits
- 137) Power Electronics
- 138) Linear Integrated Circuits
- 139) Electronic Circuit Design
- 140) Analog Electronics
- 141) Analog Circuits Measurements
- 142) Digital Instrumentation
- 143) Analog & Digital Integrated Circuits
- 144) High Speed Electronics

**xxv) Digital Circuits:**

- 145) Digital Integrated Circuits
- 146) Digital System Design
- 147) Digital Electronics
- 148) Modern Electronic Design Techniques
- 149) Complementary Metal Oxide Semi-conductor (CMOS)
- 150) Very Large Scale Integration (VLSI)
- 151) Microprocessors
- 152) Introduction to MEMS

**xxvi) Communication Engineering :**

- 153) Communication Engineering
- 154) Analog & Digital Communication
- 155) Wireless Communication
- 156) Digital Communication Networks
- 157) Optic Fiber
- 158) Digital Communication Theory
- 159) Digital Communication
- 160) Microwave Engineering
- 161) Wireless & Sensor Networks
- 162) Satellite Communication
- 163) Fiber Optic Communication
- 164) Sensors & Transducers
- 165) Microwaves : Theory & Techniques
- 166) Mobile Communication and Networks

**xxvii) Electromagnetics :**

- 167) Electro Magnetic Field
- 168) Ultra High Frequencies & Microwave Engineering
- 169) Electro Magnetic Waves

**xxviii) Embedded Systems:**

- 170) Microcontrollers
- 171) Embedded Systems Design
- 172) Advanced RISC Machines (ARM)
- 173) Programmable Logic Controls (PLC)
- 174) Parallel Computing
- 175) Assembly Language Programming
- 176) Advanced Microprocessors & Interfacing
- 177) Microcontroller Programming & Applications

**xxix) Artificial Intelligence :**

- 178) Artificial Intelligence
- 179) Micro Electro Mechanical Systems (MEMS)
- 180) Robotics & Automation
- 181) Nano Electronics
- 182) Wavelets
- 183) Bio-Medical Electronics
- 184) 5-G, 6-G Mobile Communication
- 185) Information Theory & Coding
- 186) Scientific Computing
- 187) Renewable Energy Sources (Solar & Electric Vehicles)
- 188) Computer Science
- 189) Computer Languages
- 190) Computer Organisation & Architecture
- 191) Data Structure
- 192) File Structure
- 193) Artificial intelligence
- 194) Data Science
- 195) Data Base Management Systems
- 196) Operating Systems
- 197) Computer Network
- 198) Network Security
- 199) Internet of Things
- 200) Web Technology
- 201) Information Technology
- 202) Internet Technology
- 203) Computer Applications
- 204) E-Commerce
- 205) Software Engineering
- 206) Digital & Wireless Communication
- 207) Cloud Computing
- 208) Data Warehousing & Data Mining
- 209) Multimedia
- 210) Modelling & Simulation
- 211) Discrete Mathematics
- 212) Digital Signal & Image Processing
- 213) Embedded System
- 214) Communication Engineering
- 215) Applied Mathematics (Engineering Maths, Advanced Maths)
- 216) Applied Physics (Engineering Physics)
- 217) Chemistry (Applied Chemistry, Physical Chemistry, Inorganic Chemistry, Environmental Chemistry)
- 218) Social Sciences & Engineering Economics
- 219) Communication Skills
- 220) Industrial Management & Quality Control
- 221) Electrical Engineering
- 222) Network Analysis
- 223) Electrical Machines
- 224) Electrical Power Systems
- 225) Electronic Devices and Circuits
- 226) Electrical Measurements & Measuring Instruments
- 227) Electronic Instrumentation
- 228) Artificial Neural Networks

- 229) Fuzzy Logic and Fuzzy Systems
- 230) Power Electronics
- 231) Electric Drives and Control
- 232) Electrical Machines and Drives
- 233) Electrical Machine Design
- 234) High Voltage Engineering
- 235) HVDC Transmission
- 236) Power Systems Operation and Control
- 237) Switchgear and Protection
- 238) Chemical Engineering
- 239) Chemical Technology
- 240) Polymer Technology
- 241) Food Technology
- 242) Pulp & Paper Technology
- 243) Oil & Paint Technology
- 244) Petrochemical Technology
- 245) General Chemical Engineering
- 246) Heat & Mass Transfer
- 247) Chemical Engg. Operation
- 248) Chemical Reaction Engg.
- 249) Unit Operations
- 250) Unit Processes (I.C.T. / O.C.T.)
- 251) Process Dynamics & Control
- 252) Industrial Waste Treatment
- 253) Process Instrumentation
- 254) Process Calculations
- 255) Chemical Engg. Thermodynamics
- 256) Momentum Transfer Operation
- 257) Fluid Flow Operation
- 258) Air Pollution Control
- 259) Water Technology
- 260) Renewable Energy Sources
- 261) Process Equipment Design & Drawing
- 262) Introduction to Membrane Technology
- 263) Polymer Materials
- 264) Elastomer Technology
- 265) Composite Technology
- 266) Polymer Blends & Composites
- 267) Surface Coating Technology
- 268) New / Advanced Separation Techniques
- 269) Plant Design & Project Engg.
- 270) Transport Phenomena
- 271) Wine Making
- 272) Membrane Separation Technology
- 273) Biochemical Engg. / Advanced Biochemical Engg.
- 274) Bio Fuels
- 275) Industrial Bio Technology
- 276) Material Science & Engg.
- 277) Nanotechnology
- 278) Chemo-informatics
- 279) Fuel Technology
- 280) Industrial Piping Design
- 281) Economics & Management
- 282) Risk & Safety Management
- 283) Environmental Engg. & Waste Management

**xxix) Yarn Manufacturing :**

- 284) Yarn Manufacturing ,
- 285) Advance Yarn Manufacturing Technology

**xxx) Fabric Manufacturing:**

- 286) Fabric Manufacturing,
- 287) Fabric Structure & Design,
- 288) Advance Fabric Manufacturing Technology,
- 289) Knitting Technology

**xxx) Textile Testing:**

- 290) Textile Testing ,
- 291) Comfort and clothing science,
- 292) Textile Mathematics,
- 293) Sustainable Textile Technologies and certification

**xxxii) Chemical Processing:**

- 294) Chemical Processing

**xxxiii) Textile Fibre :**

- 295) Textile Fibre,
- 296) High performance fibres

**xxxiv) Fashion Technology & Garment Manufacturing :**

- 297) Garment Manufacturing Technology,
- 298) Advance Garment Manufacturing Technology,
- 299) Fashion Technology,
- 300) Computer Aided Textile Designing,
- 301) Fashion & Clothing Science,
- 302) Apparel Merchandising

**xxxv) Non woven & Technical Textile:**

- 303) Speciality Textile Materials,
- 304) Technical Textiles,
- 305) Non woven Technology

**xxxvi) Textile Management :**

- 306) Process Control In Textile Manufacturing,
- 307) Industrial Sustainability & Management,
- 308) Project Management,
- 309) Elements of Costing & Economics,
- 310) Import Export Management in Textile,
- 311) Total quality Management in Textile

**xxxvii) General Engineering :**

- 312) Thermal Science & Air Conditioning,
- 313) Applied Electronics & Control Systems.
- 314) Bio-physics
- 315) Transforms & Probability
- 316) Human Physiology
- 317) Transducers & Signal Conditioning
- 318) Bio Control Systems
- 319) Bio Medical Instrumentation
- 320) Data Structures & Algorithms
- 321) Pathology & Micro-biology
- 322) Diagnostics & Therapeutic Equipments
- 323) Radiological Equipments
- 324) Physiological Modeling & Simulation
- 325) Biomedical Image Processing
- 326) Artificial Organs & Rehabilitation Engg.
- 327) Medical Expert Systems
- 328) Hospital Engg. & Management
- 329) Tissue Engg.
- 330) Bio-informatics
- 331) Biomedical Imaging Systems
- 332) Bio- fluids & Dynamics
- 333) Biomedical Embedded Systems Design
- 334) Biomaterials and Biomechanics
- 335) Bio-Medical signal Processing

**xxxviii) Architectural Design :**

- 336) Visual Arts
- 337) History of Architecture
- 338) Architecture Graphics
- 339) Modelling Workshop
- 340) Computer Graphics
- 341) Surveying & Levelling
- 342) Climatology
- 343) Climate Responsive Architecture



- 344) Sustainable Architecture
- 345) Vernacular Architecture
- 346) Accoustics & Illumination
- 347) Environmental Services
- 348) Landscape Architecture
- 349) Professional Practice
- 350) Professional Elective - Housing
- 351) Estimating & Costing
- 352) Interior Design, Building Services & Bye-laws
- 353) Environment Sanitation & Services
- 354) Urban Planning
- 355) Industrial Architecture

**xxxix) Working Drawing :**

- 356) Building Materials & Construction
- 357) Advance Construction
- 358) Specification
- 359) Architectural Structure
- 360) Building Services & Equipments
- 361) Construction Management

**c) Pharmaceutical Science**

- (1) Pharmaceutics
- (2) Pharmacognocoy
- (3) Mathematics
- (4) Pharmaceutical Microbiology
- (5) Pharmacology
- (6) Computer Application
- (7) Communication Skills
- (8) Pharmaceutical Chemistry
- (9) Biology
- (10) Environmental Science
- (11) Pharmaceutical Quality assurance
- (12) Research Methodology
- (13) Forensic Pharmacy
- (14) Hospital Pharmacy

**d) Cosmetic Technology**

- (1) Cosmetics Technology
- (2) Cosmetics Chemistry
- (3) Herbal Cosmetics
- (4) Dermaiology
- (5) Computer Application
- (6) Mathematics
- (7) Perfume & Colours
- (8) Beauty Culture
- (9) Drug & Cosmetic Laws
- (10) Pharmacology
- (11) Quality Assurance
- (12) Research Methodology

**(B) FACULTY OF COMMERCE AND MANAGEMENT**

- (1) Advanced Accountancy
- (2) Financial Accounting
- (3) Cost Accountings
- (4) Financial Management
- (5) Company Accounts
- (6) Business Mathematics
- (7) Corporate Accounting
- (8) Business Statistics
- (9) Management Accounting
- (10) Business Mathematics & Statistics
- (11) Cost & Management Accounting
- (12) Basics of Accounting
- (13) Fundamentals of Accounting

- (14) Advanced Financial & Cost Accounting
- (15) Accounting For Managerial Decisions
- (16) Statistical Analysis
- (17) Management & Marketing of Financial Services
- (18) Investment, Tax Planning & Portfolio Management
- (19) Accounting For Managers
- (20) Basic And Advanced Event Accounting
- (21) Income Tax
- (22) Direct Tax
- (23) Indirect Taxes
- (24) Information Technology in Accounting
- (25) Goods and Services Tax
- (26) Principles of Business Organisations
- (27) Principles of Business Management
- (28) Co-Operative Business
- (29) Agricultural Management
- (30) Principles of Marketing
- (31) International Marketing
- (32) Creativity And Innovation financial Services
- (33) Human Resource Management
- (34) Sales And Distribution Management
- (35) Managerial Skills
- (36) Marketing Management
- (37) Management of Small Entrepreneurs
- (38) Investment Management
- (39) Sales & Advertising Management
- (40) Services Marketing & Customer Relationship Mgt.
- (41) Strategic Management
- (42) Management Concept & Organisational Behaviour
- (43) Financial Institutions & Markets
- (44) Project Planning & Control
- (45) Security Analysis & Portfolio Management
- (46) Advertising & Sales Management
- (47) Saving & Investment Planning
- (48) Sales & Distribution Management
- (49) Entrepreneurship & Skill Development
- (50) Marketing & Sales Management
- (51) Office Management
- (52) Industrial Relation & About Legislation
- (53) Personnel Management
- (54) Marketing Research & Planning
- (55) Consumer Behaviour
- (56) Advertising Management
- (57) Marketing In Special Fields
- (58) Sales & Distribution Management
- (59) Functional Areas of Management
- (60) Principles & Practices of Mgt.
- (61) Managerial Skills Development
- (62) Organisational Behaviour & Effectiveness
- (63) Business Ethics
- (64) Business Environment
- (65) Human Resource Management
- (66) Financial Management
- (67) Marketing Management
- (68) Production & Operations Management
- (69) Logistic Management
- (70) Indian Financial System
- (71) Banking System
- (72) Working Capital Management
- (73) International Financial Management
- (74) Investment Science
- (75) Risk Management
- (76) International Marketing Strategy
- (77) Consumer Behaviour
- (78) Brand Management
- (79) Agro Business Marketing
- (80) Management of Industrial Relations
- (81) Human Relations & Legal Framework
- (82) Compensation Management
- (83) Human Resource Development

- (84)Management of Training & Development
- (85)Performance Management
- (86)Purchasing And Materials Management
- (87)Production Planning And Control
- (88)Ergonomics
- (89)World Class Manufacturing
- (90)Principles And Practices of Safety Management
- (91)Costing For Production
- (92)Brand Promotion & Marketing In Pharmaceutical Industry
- (93)Customer Behaviour In Pharmaceutical Industry
- (94)Production Management In Pharmaceutical Industry
- (95)Material Management In Pharmaceutical Industry
- (96)Sales & Distribution Management In Pharmaceutical Industry
- (97)Pharmaceutical Regulatory Environment
- (98)Fundamentals of Management of Sports
- (99)Human Resource Management For Sports
- (100)Sports Marketing
- (101)Financial Management And Economics For Sports
- (102)Sports Facilities Management
- (103)Sports Media Management
- (104)Financial Decision Analysis
- (105)Security Analysis And Portfolio Management
- (106)Financial Derivatives
- (107)Management of Financial Services
- (108)Foreign Exchange Market
- (109)Insurance Management
- (110)Sales Promotion Management
- (111)Marketing of Services
- (112)Marketing For Non-Profit Organisations And Social Services
- (113)Retail Marketing
- (114)Rural Marketing
- (115)International Marketing Environment
- (116)Human Behaviour At Work Place
- (117)Organizational Development And Intervention Strategies
- (118)Management of Group Process
- (119)Corporate Leadership Management
- (120)Knowledge Management
- (121)International Hrm
- (122)Service Operations Management
- (123)Applied Operations Research
- (124)Transportation Management
- (125)Total Quality Management
- (126)Industrial Health And Disaster Management
- (127)Project Management
- (128)Health Care Management & Administration
- (129)Human Resource Management For Health Care
- (130)Management of Clinical Services
- (131)Economics of Health Care Management
- (132)Information Technology In Health Care
- (133)Hospital Support Services
- (134)Principles And Practices of Management
- (135)Organizational Behaviour
- (136)Managerial Skill Development
- (137)Quantitative Techniques
- (138)Management of Training And Development.
- (139)Industrial Psychology And Sociology.
- (140)Strategic Human Resource Management
- (141)Computer Application In Human Resource Management
- (142)Business Legislations
- (143)Research Methodology
- (144)Functional Areas In Management
- (145)Labour Legislations
- (146)International Human Resource Management
- (147)Knowledge Management
- (148)Management of Industrial Relations
- (149)Dynamics of Human Resource Development
- (150)Wage And Salary Administration
- (151)Employees Empowerment
- (152)Functional Areas In Management
- (153)Corporate Planning & Strategy

- (154)Human Resource Accounting And Audit
- (155)Business Administration
- (156)Programming Methodology
- (157)Object Oriented Programming
- (158)Business Data Communication
- (159)System Analysis And Design
- (160)Computer Laboratory
- (161)Principles of Management
- (162)Advance Database Management System
- (163)Software Engineering
- (164)Operation Research Techniques
- (165)Management Information System
- (166)Visual Computing
- (167)Business Data Communication
- (168)Data Warehousing & Mining
- (169)Mathematical Foundations of Actuarial Science
- (170)Interest Theory, Economics & Finance
- (171)Actuaries & Insurance
- (172)Investment Analysis & Risk Management
- (173)Management Concepts
- (174)Business Environment
- (175)Marketing & Organisational Behaviour
- (176)Financial & Production Management
- (177)Principles & Practice of Life & General Insurance
- (178)Risk Management
- (179)Fire & Marine Insurance
- (180)Investment Management
- (181)Marketing of Financial Services
- (182)Engineering, Agricultural & Misc. Insurance
- (183)Computer Fundamentals & Operating System
- (184)Object Oriented Programming
- (185)Web Page Designing
- (186)Hospital Planning & Administration
- (187)Health Care & Management of Services
- (188)Human Resource Management & Organisational Behaviour
- (189)Computer Fundamentals & Software Related To Hospital
- (190)Material Management & Financial Control
- (191)Medical Terminology & Procedure
- (192)Laws Related To Hospital & Medical Services
- (193)Retail Management
- (194)Consumer Behaviour
- (195)Communication Skills
- (196)Supply Chain Management
- (197)Import Export Management
- (198)E-Commerce
- (199)Export Import Procedures
- (200)Export Marketing
- (201)International Business
- (202)Managerial Economics
- (203)Business Law
- (204)Research Methodology
- (205)Principles of Economics
- (206)Business Economics
- (207)Monetary System
- (208)Indian Financial System
- (209)Indian Insurance System
- (210)Indian Banking System
- (211)Economics of Development
- (212)Financial Market Operation
- (213)Money & Financial System
- (214)Fundamentals of Insurance
- (215)Financial Services
- (216)Indian Economics
- (217)Managerial Economics
- (218)Banking & Insurance Services
- (219)International Business Environment
- (220)International Financing
- (221)Foreign Trade Policy, Procedures & Documentation
- (222)Co-Operative Management
- (223)Industrial Relations

- (224) Economics of Labour
- (225) Trade Unionism & Collective Bargaining
- (226) Regulation of Industrial Disputes
- (227) Wage & Salary Administration
- (228) Labour & Urban Problems
- (229) Introduction To Co-Operation
- (230) Co-Operative Movement (Global, India, Mah. State)
- (231) Co-Operative Societies In Maharashtra
- (232) Co-Operative Finance And Credit
- (233) Co-Operative Accounting & Auditing
- (234) Co-Operative Legislation
- (235) Banking & Financial System
- (236) Insurance Operation & Procedure
- (237) Current Trends In Banking & Insurance
- (238) Regulatory Framework
- (239) Business Environment
- (240) Labour Legislation- I
- (241) Labour Legislation-II
- (242) Co-operative Management
- (243) International Financing.
- (244) Corporate Tax Planning & Management.
- (245) Computer Fundamentals
- (246) Computer Operating system
- (247) Information technology & Business Data Processing I&II
- (248) Business Law
- (249) Indirect Tax Law
- (250) Business Regulatory Frame work
- (251) Internet & WWW
- (252) Company Law
- (253) Business Communication
- (254) Secretarial Practice & Company Management
- (255) Direct Tax Laws
- (256) Auditing
- (257) Computer Applications in Business
- (258) Research Methodology
- (259) E-COMMERCE and Legal Security
- (260) Business and Economics Laws
- (261) Element of Commerce
- (262) Teaching & Evaluation Technics
- (263) Current Trends & Issues in Higher Education
- (264) Organisation of Markets
- (265) Internet Technology
- (266) Legal Security & other Issues in E-commerce
- (267) Internet and Web Designing
- (268) Fundamentals of Information Technology
- (269) Introduction to Commercial Practices
- (270) Programming Skills
- (271) E-commerce I & II
- (272) Company law
- (273) Compulsory English
- (274) Hindi
- (275) Marathi
- (276) Sanskrit
- (277) Supplementary English
- (278) Urdu
- (279) Pali & Prakrit

**(C) FACULTY OF HUMANITIES**

**a) Arts Group:**

- (1) English,
- (2) Functional English
- (3) Supplementary English
- (4) Linguistics
- (5) Communication Skill
- (6) Marathi
- (7) Hindi,

- (8) Translation Functional Hindi
- (9) हिंदी भाषा संवर्धन
- (10) Urdu
- (11) Sanskrit
- (12) Pali and Prakrit
- (13) Persian
- (14) Foreign Languages (French, German, Russian)
- (15) Classical Language (Latin)
- (16) Other Indian Languages (Telgu, Bengali, Gujrathi)
- (17) Music
- (18) Sound Recording
- (19) Pali & Buddhism

**b) Social Sciences Group:**

- (1) Economics
- (2) History
- (3) Ancient Indian History Culture and Archaeology
- (4) Bharat Shodh
- (5) Political Science
- (6) Human Rights
- (7) Public Administration
- (8) बाल अधिकार संरक्षण
- (9) Indian Constitution
- (10) Sociology
- (11) Anthropology
- (12) Philosophy
- (13) Psychology
- (14) Geography
- (15) Home-Economics
- (16) Human Development
- (17) Early Childhood Care and Education
- (18) Food Technology
- (19) Apparel and Textile Designing
- (20) Rural Handicraft
- (21) Rural Services
- (22) Co-operation
- (23) Community Development & Extension
- (24) Rural Development
- (25) Dr. Babasaheb Ambedkar Thoughts
- (26) Rashtrasant Tukdoji Thoughts
- (27) Statistics
- (28) Yogashastra
- (29) Library & Information Science
- (30) Disaster Management
- (31) पर्यटन व चारसा व्यवस्थापन

**c) Law Group**

- (1) Constitutional Law and International Law
- (2) Civil Law
- (3) Criminal Law

**(D) FACULTY OF INTER-DISCIPLINARY STUDIES**

- (1) Education
- (2) जीवन कौशल्य शिक्षण
- (3) Physical Education & Recreation
- (4) Yogashastra
- (5) Yoga Education
- (6) Home Science
  - a) Languages (optional group to be choiced under the subject Home Science)
    - i) English, ii) Marathi, iii) Hindi, iv) Sanskrit, v) Urdu, vi) Other Indian Languages
  - b) Social Sciences subject (optional group to be choiced under the subject Home Science)
    - i) General Sociology, ii) Elementary Economics, iii) Elementary Statistics, iv) General Psychology, v) Geography, vi) Civics
  - c) Sciences (optional group to be choiced under the subject Home Science)
    - i) Physics, ii) Chemistry, iii) Biology, iv) Bio-Chemistry
  - d) Home Science (optional group to be choiced under the subject Home Science)
    - i) Home-Management, ii) Textile & Clothing, iii) Food Science and Nutrition, iv) Child Development & Family Relations, v) Home Science Education & Extension, vi) Human Development, vii) Resource Management, viii) Communication and Extension.
  - e) Medical Group Comprising of subjects (optional group to be choiced under the subject Home Science)
    - i) Anatomy & Physiology, ii) Hygiene, Social & Preventive Medicine
  - f) Cincal Nutrition and Dietetics.

(7) **Vocational Studies**

- (i) Farm Equipment and Machinery
- (ii) Photography & Videography
- (iii) Journalism & Media Management
- (iv) Travel & Tourism
- (v) Food Processing and Preservation
- (vi) Office Automation
- (vii) Software development
- (viii) Retail Management
- (ix) Vehicle Testing
- (x) Medical Equipment – Techniques & Management
- (xi) Banking & Financial Services
- (xii) Pharmacy Assistant/ Pharmaceutical Analysis & Quality Assurance
- (xiii) Engine Testing
- (xiv) Agriculture Science
- (xv) Construction Technology
- (xvi) Fashion Design & Management
- (xvii) Horticulture
- (xviii) Food Processing & Value Addition
- (xix) Cosmetic Technology
- (xx) Fashion Technology & Apparel Designing
- (xxi) Tourism & Hospitality
- (xxii) Networking & System Administration
- (xxiii) Industrial Chemistry
- (xxiv) Textile & Ginning Technology
- (xxv) Hotel Management
- (xxvi) Forensic Science (Security)
- (xxvii) Data Analytics (IT-Ites)
- (xxviii) Health Care
- (xxix) Automotive (Vehicle Testing)
- (xxx) Organic Farming
- (xxxi) Civil Electrician
- (xxxii) Two Wheeler Mechanism & Maintenance
- (xxxiii) Civil Construction
- (xxxiv) Music : Vocal & Instrumental
- (xxxv) Theatre & Stage Craft
- (xxxvi) Refrigeration Air Conditioning
- (xxxvii) Telecommunication Technology
- (xxxviii) Accounting & Financial Services
- (xxxix) Information Technology
- (xxxx) Accounting & Taxation
- (xxxxi) Cyber Security
- (xxxxii) Automotive Manufacturing Technology
- (xxxxiii) Computerized Accounting
- (xxxxiv) Fisheries
- (xxxxv) Poultry
- (xxxxvi) Plant Tissue Culture & Green house Technology

- (xxxxvii) Renewable Energy & Management
- (xxxxviii) Accounting, Taxation & Auditing
- (xxxxix) Bio-medical Science
- (xxxxx) Pharmaceutical Chemistry
- (xxxxxi) Internet of Things
- (xxxxxii) Design & Manufacturing Technology
- (xxxxxiii) Paramedical & Health Administration
- (xxxxxiv) Public Health Management
- (xxxxv) Diet & Nutrition
- (xxxxxvi) Plant propagation
- (xxxxxvii) Nursery Management & Technology
- (xxxxxviii) Drama, Film & Television Media
- (xxxxxix) Agriculture crop production
- (8) Performing Arts (Supplementary English, Marathi, Hindi, Urdu, Sanskrit, Pali & Prakrit)
- (9) Fine Art
- (10) Social Work ( a)English, b)Language, c)Social Work, d) Sociology, e) Psychology and f) Economics)
- (11) Journalism and Mass Communication
- (12) Library and Information Science
- (13) Library and information resources
- (14) Intellectual Property Rights (I.P.R.)
- (15) Environmental Studies
- (16) Gender and Womens' Studies
- (17) Lifelong Learning & Extension
- (18) Counselling & Psychotherapy
- (19) Animation
- (20) Personality Development
- (21) Soft skill components etc
- (22) Universal Human Values:- Understanding Harmony
- (23) N.C.C. Studies
- (24) Swachh Bharat Summer Internship Programme
- (25) Gender Sensitization
- (26) वन, मृद, जल साक्षरता विषयक बाबी
- (27) Folk Music
- (28) Documentary & Film Making
- (29) Fashion Designing.

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