

॥ सा विद्या या विमुक्तये ॥



# स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

“ज्ञानतीर्थ” परिसर, विष्णुपुरी, नांदेड - ४३१६०६ (महाराष्ट्र)

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED**

“Dnyanteerth”, Vishnupuri, Nanded - 431606 Maharashtra State (INDIA)

Established on 17th September 1994 – Recognized by the UGC U/s 2(f) and 12(B), NAAC Re-accredited with 'A' Grade

## ACADEMIC (1-BOARD OF STUDIES) SECTION

Phone: (02462) 229542

Fax : (02462) 229574

Website: [www.srtmun.ac.in](http://www.srtmun.ac.in)

E-mail: [bos.srtmun@gmail.com](mailto:bos.srtmun@gmail.com)

न्यू मॉडेल डिग्री कॉलेज हिंगोली येथील  
वाणिज्य व व्यवस्थापन विद्याशाखेतील पदवी  
व पदव्युत्तर विषयांचे सी.बी.सी.एस. पॅटर्नचे  
अभ्यासक्रम शैक्षणिक वर्ष २०२०-२१  
पासून लागू करण्याबाबत. .

### प रि प त्र क

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, न्यू मॉडेल डिग्री कॉलेज, हिंगोली येथील वाणिज्य व व्यवस्थापन विद्याशाखेतील पदवी व पदव्युत्तर स्तरावरील द्वितीय वर्षाचे खालील विषयांच्या **C.B.C.S. (Choice Based Credit System) Pattern** नुसारच्या अभ्यासक्रमास शैक्षणिक वर्ष २०२०-२१ पासून लागू करण्याच्या दृष्टिने मा. कुलगुरू महोदयांनी विद्या परिषद मान्यतेच्या आधिन राहून मान्यता दिलेली आहे.

- 1) B.B.A. - II year Syllabus (New Model College, Hingoli)
- 2) B.Com.- II year Syllabus. (New Model Degree College, Hingoli)
- 3) M.Com. - II year Syllabus (New Model College, Hingoli)

सदरील परिपत्रक व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या [www.srtmun.ac.in](http://www.srtmun.ac.in) या संकेतस्थळावर उपलब्ध आहेत. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी.

‘ज्ञानतीर्थ’ परिसर,  
विष्णुपुरी, नांदेड — ४३१ ६०६.  
जा.क्र.: शैक्षणिक-०१/परिपत्रक/पदवी व  
पदव्युत्तर-सीबीसीएस  
अभ्यासक्रम/२०२०-२१/१५४५  
दिनांक : २५.११.२०२०.



स्वाक्षरित /—  
**सहा-कुलसचिव**  
शैक्षणिक (१-अभ्यासमंडळ विभाग)

प्रत माहिती व पुढील कार्यवाहीस्तव :

- १) मा. अधिष्ठाता, वाणिज्य व व्यवस्थापन विद्याशाखा, प्रस्तुत विद्यापीठ.
- २) मा. संचालक, परीक्षा व मूल्यमापन मंडळ, प्रस्तुत विद्यापीठ.
- ३) प्राचार्य, न्यू मॉडेल कॉलेज, हिंगोली.
- ४) उपकुलसचिव, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
- ५) साहाय्यक कुलसचिव, पात्रता विभाग, प्रस्तुत विद्यापीठ.
- ६) सिस्टम एक्सपर्ट, शैक्षणिक विभाग, प्रस्तुत विद्यापीठ.

**Swami Ramanand Teerth Marathwada University, Nanded's**

**NEW MODEL DEGREE COLLEGE, HINGOLI**

**COURSE STRUCTURE AND WORKLOAD**

**Bachelor of Business Administration**

**B. B. A II Year III Semester**

<b>Paper</b>	<b>Subject Title</b>	<b>Number of Lectures per Week</b>	<b>Number of Credits per Course</b>	<b>Internal Examination Marks</b>	<b>External Examination Marks</b>	<b>Total Marks</b>
I) Language Curriculum	Indian Languages	04	04	50	50	100
	English	04	04	50	50	100
II) Major Curriculum A. Major (Core)	1. Human Resource Management	04	04	50	50	100
	2. Marketing Management	04	04	50	50	100
	3. Retailing	02	02	25	25	50
B. Major (Supportive)	Statistical analysis for Business decision	04	04	50	50	100
C. Major (Applied/Innovative)	E-Business	04	04	50	50	100
III) Life Skill Curriculum A. Job Oriented Soft Skill	Information Communication Technology	02	02	25	25	50
B. Value Oriented Courses	Business Ethics	02	02	25	25	50
<b>Total</b>		<b>30</b>	<b>30</b>	<b>375</b>	<b>375</b>	<b>750</b>

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year III Semester**  
**Syllabus**  
**Subject: Human Resource Management**

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**Objective:** - The Syllabus is designed to give students the basic knowledge of managing of human resources in an organization.

**Unit I: - Introduction to HRM:** - What is HR? What is HRM? Meaning Objectives & Function, Scope of HRM Difference between HRM & Personnel Management, Role & duties of HR Manager, Concept of strategic HRM, Implementation of Strategic HRM

**Unit II: - Human Resource Planning:** - Concept of HRP, Objective of HRP & Need of HRP, process of HRP, recruitment, selection, placement induction, Demotion, promotion, Transfer.

**Unit III: - Job Analysis & Job Design:** - Concept of Job Analysis, Objective & significance of Job analysis process of Job analysis, Job description, Job specification, concept & Approaches of Job design Recent trends in job Reduction.

**Unit IV: - Managing performance & compensation:** - Concept of performance Appraisal, objective & Importance of performance Appraisal, methods or technique of performance Appraisal, MBO (Mgt. by objective) 360 degree Appraisal technique, compensation, component of compensation.

**Unit V: - Employee Remuneration & Base salary:** - Remuneration, wage, salary, administration, allowances, absenteeism, labor turnover, employee welfare benefits.

**References: -**

- |                              |                                  |
|------------------------------|----------------------------------|
| 1. Human Resource Management | - C.B. Gupta Himalaya pub. House |
| 2. Human Resource Management | - P. Subrao Himalaya Pub. House  |
| 3. Human Resource Management | - Ashwathapa                     |
| 4. Human Resource Management | - Khanka                         |

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year III Semester**  
**Syllabus**  
**Subject: Marketing Management**

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**Course Objective:** - This course intends to provide an experienced-based approach to marketing theory and its practical application. The course is designed to enable the students to learn the basic of marketing.

**Chap No. 1 Overview of Marketing**

What is marketing?, The evaluation of marketing, Nature of marketing, Scope of marketing, Function of facilities, The system approach, Marketing process, Marketing functions, Concept of marketing, Benefits of marketing concept .

**Chap No. 2 Marketing Management**

Marketing is the business, Management process, Marketing management, Opportunities for marketing success, Marketing management responsibilities, Marketing plan & planning process, Marketing mix, Marketing organization, Responsibilities of marketing manager, Strategic marketing.

**Chap No. 3 Marketing Environment & Segmentation**

Need for environment analysis, Marketing management & its environment, Technological change & marketing, Trends in Marketing environment, Market segmentation, Criteria for Market segmentation, Strategic options.

**Chap No. 4 Marketing Research process**

Importance of Marketing research, Scope & role of marketing research, Types of marketing research advantages-limitation, Marketing research process sampling-questionnaire, Methods of data collection secondary data-primary data, survey techniques.

**Chap No. 5 Marketing Planning/Strategy**

Marketing planning/strategy, The management process, Planning- planning & control, Importance of planning, Strategy-strategic corporate planning, Strategic marketing plan, competitive marketing strategies, Interaction between marketing mix & marketing environment.

**Reference Books:**

- 1) Principles of Marketing : Philip Kotler and Gary Armstrong, XII ed.
- 2) Marketing Management : Stanton.
- 3) Marketing Management : Rajan Saxena.
- 4) Marketing Management : V.S.Ramaswamy and S. Namakumari.

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year III Semester**  
**Syllabus**  
**Subject: Retailing**

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**Objectives:** - Provide students with a modest awareness of retailing and Enable students to become good retail planners and decision makers.

**Unit I: - Retail Management:** – Meaning of Retail and Retailing, Types of Retailers, Factors influencing the Growth of Retailers in India, Profiles of Retailers in India.

**Retail Market Segmentation:** – Meaning, Importance, and Benefit of Market Segmentation, Types of Market Segmentation, Elements, and Levels of Market Segmentation.

**Unit II: - Consumer Buying Behavior:** – Meaning, Stages in the Buying Decision Process, Buying Characteristics influencing Consumer Behavior.

**Customer Relationship Management:** – Meaning, Importance of CRM, Steps involved CRM Process, Importance of Customer Retention Management.

**Suggest Readings:**

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|--------------------------------|---|
| 1. Modern Retail Marketing     | J.N. Jain and Singh, Regal Pub., New Delhi.                             |
| 2. Marketing Management        | C.B. Gupta, Sultan Chand and Sons, New Delhi.                           |
| 3. Retail Management           | Suja Nair, Himalaya Pub. House, New Delhi.                              |
| 4. Marketing Management        | K.Karunakaran, Himalaya Pub.House, New Delhi.                           |
| 5. Retail Management           | Micheal, Levy, Barton. A, Weitz –,<br>Tata Mcgraw Hill Pub., New Delhi. |
| 6. Retail Marketing Management | David Gilbert, Pearson Education Ltd., New Delhi.                       |
| 7. Marketing Management        | Rajan Saxena, TATAMcGraw Hill Pub.Co.Ltd.New<br>Delhi.                  |

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year III Semester**  
**Syllabus**

**Subject: Statistical Analysis for Business Decision**

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**Objective:** - To develop elementary concepts in Statistics and application of the same as useful quantitative tools.

**Unit I: - Statistics -What and Why:** - Introduction, Origin & growth of statistics, definition, function, applications, limitations and distrust of statistics.

**Unit II: -Measures of Central Value:** - Introduction, Objectives of Averaging, Requisites of A Good Average, Types of Averages, Median and their types, mode and their types and problems on mean, median & mode.

**Unit III: - Major of dispersion:** - Introduction, Significance of measuring variations, quartile deviation, mean deviation, standard deviation, their calculations, merits and limitations.

**Unit IV: - Correlation Analysis and Regression Analysis:** - Introduction, Significance and types of correlation, Methods of studying correlation, Calculation of Co efficient Correlation, Probable error etc. Introduction, use of Regression Analysis Difference between Correlation Analysis and Regression Analysis, Regression Equations, Standard error of estimate and their calculations.

**Unit V: - Index Numbers:** - Introductions, uses of Index Numbers, Classifications of Index Number, Methods and Problems on Index Numbers.

**Suggested Reading: -**

- 1 Statistical Methods – S.P. Gupta
- 2 Business Statistics – S.C. Gupta, Indra Gupta
- 3 Business Statistics – Padmalochan Hazarika
- 4 Mathematical Statistics – J.N. Kapur, S.C. Saxsena
- 5 Mathematical Statistics – S.C. Gupta, V.K. Kapoor
- 6 A Text Book of Statistics – N.M. Kapoor
- 7 Fundamentals of Statistics – S.C. Gupta
- 8 Practical Statistics – Gupta & Gupta
- 9 Statistics for Management – Gupta & Gupta
- 10 Practical Statistics - Shivkumar

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year III Semester**  
**Syllabus**  
**Subject: E-Business**

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**OBJECTIVE:** - The objective of the course is to learn types, process of e-commerce, the tools, channels and the related issue in implementing the e-commerce practices.

1. **E-Commerce:** Introduction, Meaning, Definitions, Scope Of E-Commerce, Perspective Of E-Commerce , Conceptual Framework Of E-Commerce, Advantages And Issues In E-Commerce, E-Commerce-Business Models. Channels of E-Commerce; Need for E-Commerce
2. **Technology Of E-Commerce:** How E-Commerce Works? What Is Network? Internet – Intranet Technology, E-Commerce and www, web Technology, Digital Technology, Internet Based E-Commerce Issues.
3. **E-Business Strategy:** E-Business Technology, New Business Strategy, E-Business Design, E-Business-Decision Support System and Knowledge.
4. **Electronic Payment System:** Types of E-Payment system; E-cash and currency servers, e-cheques, credit cards, smart cards, electronic purses and debit cards; Business issues and economic implications. Security Issues in E-Commerce
5. **E-Commerce In India:** Factors For Growth Of E-Commerce Business In India, E-Commerce Scenario In India, Impact Of E-Commerce On Indian Business, Scope Of E-Commerce In India, Future Prospects And Challenges.

**Reference Books:-**

- 1) Information Technology E-Commerce and E-Business By V. D. Dudheja, Commonwealth Publishers, New Delhi.
- 2) Business On The Net And E-Commerce By Kamlesh Agrawal And Amit Lal, Mcmilan India Ltd
- 3) Electronic Commerce by Elias M Awad, Prentice Hall Of India, New Delhi.
- 4) E-Commerce By Dr.Sanjivkumar Agrawal, Dr.Shubhangi Dive, Chinmay Prakashan, Aurangabad.
- 5) E-Commerce by Kamlesh Bajaj.

**Swami Ramanand Teerth Marathwada University, Nanded's  
New Model Degree College, Hingoli  
B.B.A. II Year III Semester  
Syllabus**

**Subject: Information Communication Technology**

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**Objective:** - Objective of this course is to provide computer techniques applied in solving Business problems.

**1) Introduction:** Definition of Computer, Characteristics of Computer, Computer Generation, Classification of Computers

**Main Memory:** Storage Evolution criteria, Main Memory Organisation, Main Memory Capacity, Types of Memory Chips, Cache Memory.

**Secondary Memory:** Sequential and Direct Access Devices, Magnetic Tapes, Magnetic Chips, Optical Disks, Memory Storage Devices (Pen Drives, SD/MMC), Mass Storage Devices

**Input Devices and Output Devices**

**2) Computer Software:** Software, Relationship between Hardware and Software, Types of Software.

**Internet:** Definition, History, Basic Services (E-mail, FTP, Telnet, Usenet News), WWW, Search Engine, Use of Internet.

**Recommended Books:**

- 1) Computer Fundamentals (Sixth Edition), P.K. Sinha & Priti Sinha
- 2) Foundation of Computer, P.K. Sinha



**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year III Semester**  
**Syllabus**  
**Subject: Business Ethics**

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**Objective:** - The objective is to provide basic knowledge of business ethics and values and its relevance in modern context and To acquaint the students with Business Ethics in various functional areas.

**1) Business Ethics:** Concept of Business Ethics: Definitions and Scope, Relationship between Business and Ethics, Importance of Business ethics, Social responsibilities of business, Fair Trade Practice

**Social and Public Morality:** Moral issues in business- Environmental protection and role of business - Responsibility regarding optimum utilization of national resources- Social culture and ethics.

**2) Ethics and Corporate Excellence:** Corporate Mission Statement Concept- Mission Statement and Code of Ethics - Professional Codes: Concept – need importance of Professional Codes- Total Quality Management (TQM) and ethics- Ethics in corporate governance -

**Ethics in Marketing:** Competition, Creating monopolies, Manipulative and coercive advertisements.

**Reference Books:**

- 1) “The Ethics of Management” by Larue Tone Hosmer, Richard D. Irwin Inc.
- 2) “Management Ethics - integrity at work’ by Joseph A. Petrick and John F. Quinn, Response Books: New Delhi.
- 3) “Ethics in Management” by S.A. Sherlekar, Himalaya Publishing House.
- 4) “Business Ethics” by W.H. Shaw.
- 5) sturdevant, F.D. - Business and Society – A Managerial Approach.
- 6) Doasgupta & Sangupta – Government and Business in India Kuthials, S.K. - from tradition to Modernity.
- 7) Beeslory, Michel and Evens – Corporate Social Responsibility.

**Swami Ramanand Teerth Marathwada University, Nanded's**

**NEW MODEL DEGREE COLLEGE, HINGOLI**

**COURSE STRUCTURE AND WORKLOAD**

**Bachelor of Business Administration**

**B. B. A II Year IV Semester**

<b>Paper</b>	<b>Subject Title</b>	<b>Number of Lectures per Week</b>	<b>Number of Credits per Course</b>	<b>Internal Examination Marks</b>	<b>External Examination Marks</b>	<b>Total Marks</b>
I) Language Curriculum	Indian Languages	04	04	50	50	100
	English	04	04	50	50	100
II) Major Curriculum A. Major (Core)	1. Financial Management	04	04	50	50	100
	2. Production Management	04	04	50	50	100
	3. Corporate Tax Planning	02	02	25	25	50
B. Major (Supportive)	Strategic Management	04	04	50	50	100
C. Major (Applied/Innovative)	Business Mathematics	04	04	50	50	100
III) Life Skill Curriculum A. Job Oriented Soft Skill	Management Information System	02	02	25	25	50
B. Value Oriented Courses	Human Rights	02	02	25	25	50
<b>Total</b>		<b>30</b>	<b>30</b>	<b>375</b>	<b>375</b>	<b>750</b>

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year IV Semester**  
**Syllabus**  
**Subject: Financial Management**

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**Objectives:** - The objective of the course is to equip the students the methods and technique of finance for ability to analysis interpret in business decision making.

**Unit I: - Introduction of financial management:** - Finance-importance, Business Finance, Financial Management, Scope of Financial Management, Basic principles of Financial Decisions, Importance of Financial Management, Functions of Financial Management, Objectives of Financial Management.

**Unit II: - Capital Structure:** - Introduction-Meaning, Definition, Patterns of Capital Structure, Theories of Capital structure, Net Income Approach, Net Operating Income Approach, Determination of Capital Structure, calculating Earnings Per Share.

**Unit III: - Working Capital Management:** - Introduction, types of capital, Definition of Working Capital, Types of Working Capital, Need of Working Capital, advantages and disadvantages of Working Capital, Factors determining the Working Capital Requirement, procedure for workout the problems.

**Unit IV: - Capital Budgeting:** - Introduction, Concept of Capital Expenditure, Concept of Capital Budgeting, Need and Importance of Capital Budgeting, Objectives of Capital Budgeting, Limitations of Capital Budgeting, Methods of Capital Budgeting- Pat Back Period Method, Accounting or Average Rate of Return, Discounted Cash Flow Techniques, Profitability Index Method.

**Suggested Readings:**

- 1) Financial Management (Text, problems & cases) – M.Y.Khan & P.K.Jain -Tata McGraw Hill-5th Edition.
- 2) Financial Management (Theory & Practice) – Prasanna Chandra- Tata McGraw Hill- 7th Edition.
- 3) Financial Management (Principles & practice) –Dr. S.N. Maheshwari-Sultan Chand & Sons- 13th Edition.
- 4) Financial Management – I. M. Pandey- Vikas Publishing House pvt ltd- 9th Edition.
- 5) Financial Management (A Conceptual Approach)-P.V.Kulkarni & B.G.Satyaprasad-Himalaya Publishing House-13th Edition.

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year IV Semester**  
**Syllabus**  
**Subject: Production Management**

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**Objectives:** - This course aims to improve students understanding of the concepts, principles, problems, and practices of Production and Operations management for Business Decisions.

**Unit I: - Introduction**

Concept of Production, Classification of Production System, Objectives of Production Management, Operations Management, Objectives of Operations Management, Scope of Production and Operations Management.

**Unit II: - Plant Location And Layout:** - Introduction and Meaning, Need for Selecting a Suitable Location, Factors Influencing Plant Location/Facility Location, Plant Layout, Principles of Plant Layout, Classification of Layout

**Unit III: - Material Handling:** - Introduction and Meaning, Objectives of Material Handling, Principles of Material Handling, Concept of Materials Management, Techniques of Material Planning, Inventory Control Management, Objectives of Inventory Control, Benefits of Inventory Control, Techniques of Inventory Control.

**Unit IV: - Production Planning And Control:** - Introduction and Meaning, Need and Objectives of Production Planning and Control, Phases of Production Planning and Control, Functions of Production Planning and Control, Scheduling, Principles of Scheduling, Scheduling Strategies, Types of Scheduling.

**Suggested Readings:**

- 1) Chary S.N. (2009), Production & Operations Management, 4th Edition, Tata McGraw Hill Education Pvt. Ltd, New Delhi.
- 2) Aswathappa K & Bhat S.K., (2009), Production & Operations Management ,Revised Second Edition, Himalaya Publishing House, New Delhi.
- 3) Everette E.Adam,Jr & Ronald J. Ebert, (2005), Production & Operations Management, 5th Edition, PHI Learning Pvt.Ltd, New Delhi.
- 4) Jhamb L.C., (2009), Production Operations Management, Everest Publishing House, Pune.
- 5) Chunawalla S.A.& Patel D.R, Production & Operations Management, 7th revised edition, Himalaya Publishing House, New Delhi.

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year IV Semester**  
**Syllabus**  
**Subject: Corporate Tax Planning**

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**Objective:** - To provide Basic knowledge of corporate tax planning and its impact on decision-making.

**1) Tax Planning - I**

Tax planning, tax management, tax evasion, tax avoidance; Corporate tax in India; Residential status of companies and tax incidence;

Tax planning with reference to setting up of a new business: Locational aspect, nature of business, form of organization;

Tax planning with reference to financial management decision - Capital structure, dividend including deemed dividend and bonus shares;

**2) Tax Planning - II**

Tax planning with reference to specific management decisions - Make or buy; own or lease; repair or replace

Tax planning with reference to employees' remuneration

Tax planning with reference to receipt of insurance compensation

Tax planning with reference to business restructuring

**Suggested Readings:**

1. Vinod K. Singhania and Monica Singhania, Corporate Tax Planning. Taxmann Publications Pvt. Ltd., New Delhi.
2. Girish Ahuja and Ravi Gupta. Corporate Tax Planning and Management. Bharat Law House, Delhi.
3. Shuklendra Acharya and M.G. Gurha. Tax Planning under Direct Taxes. Modern Law Publication, Allahabad.
4. D.P. Mittal, Law of Transfer Pricing. Taxmann Publications Pvt. Ltd., New Delhi.
5. IAS – 12 and AS – 22.
6. T.P. Ghosh, IFRS, Taxmann Publications Pvt. Ltd. New Delhi.

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year IV Semester**  
**Syllabus**  
**Subject: Strategic Management**

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**Objectives:** The objective of this course is to enhance decision-making abilities of students in situation of uncertainty in a dynamic business environment.

**Unit I Introduction of Strategic Management**

Definition & characteristics of strategic management, mission, objectives & goals, levels at which strategy operates, strategic management process.

**Unit II Environmental Scanning**

Industry and competitive analysis-Methods-Evaluating company resources and competitive capabilities-SWOT analysis-Strategy and competitive advantage.

**Unit III Diversification strategy**

Concept, why firms diversify? Different types of diversification strategy, change of different strategies, Need to formulate R & D strategy, formulating R & D Strategy, R& D planning process in Indian organization.

**Unit IV Strategic Evaluation & control**

Concept, types of strategic control, techniques of strategic evaluation & control.

**Recommended Books: -**

1. Azav Kazmi- Business policy & strategic Management – TATA MC Graw Hill N. Delhi
2. Subharao P. – strategic Management - Himalaya Publication House Mumbai
3. G.Sudarasana Reddy - – strategic Management - Himalaya Publication House Mumbai
4. Jayarathanam M - – strategic Management - Himalaya Publication House Mumbai
5. Bhattachary S K & etc – Managing Business Enterprises strategy & structure, - vikas Publication House New Delhi

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year IV Semester**  
**Syllabus**  
**Subject: Business Mathematics**

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**Objective:** - To develop elementary concepts in Mathematics and application of the same as useful quantitative tools.

**Unit I: - Basic Application of Mathematics:** - Ratio and Proportion, Percentage, Discount, Commission & Brokerage, Simple Interest, Compound Interest.

**Unit II: - Permutations and Combinations:** - Fundamental Rule of Counting, Permutations, Factorial Notation, Permutation of  $n$  Different Things, Circular Permutation, Permutations of Things not all different, Restricted Permutations, Combinations, Complementary Theorems, Restricted Combinations, Combinations of Things not All Different.

**Unit III: - Matrix:** - Introduction, Definitions, Types of Matrices, Addition of Matrices, Subtraction of Matrices, Multiplication of Matrices by a constant, Multiplication of two Matrices with their properties, Laws of Matrices Multiplication, Adjoin of Matrix, Inverse of Matrix.

**Unit IV: - Linear Programming:** - Introduction of concepts, Formation of Linear Programming Problems, Graphical Solution of Linear Programming Problem, Simplex Method (Number of variable not more than & not less than).

**Suggested Reading: -**

1. Business Mathematics – Dr.Amarnath Dikshit, Dr.Jinendra Kumar Jain
2. Business Mathematics – D.C. Sancheti, V.K. Kapoor
3. Mathematics for Business & Economics – V.K. Kapoor
4. Business Mathematics – B.M. Agrawal
5. Mathematics & Statistics – S.G. Chitale, Dr.N.A.Joshi, Siddhnath Mishra, Hemangi A. Desai, Vandana Singh, Deepak G.Karandikar, Milind Pandit, Dr.Santosh B.Singh, Dr.T.B. Jagtap, N.B. Wani
6. Mathematics & Statistics – S.G. Chitale, Dr.N.A.Joshi, Siddhnath Mishra, Hemangi A. Desai, Vandana Singh, Deepak G.Karandikar, Milind Pandit, Dr.Santosh B.Singh, Dr.T.B. Jagtap, R.E. Bachav

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year IV Semester**  
**Syllabus**  
**Subject: Management Information System**

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**Objective:** - To equip the students with finer fundamentals of MIS.

**1) Introduction:** - Need, Purpose and objectives- contemporary approaches to MIS – Information as a strategic resources- use of information for competitive advantage

**Information Technology:** - Definition, IT Capabilities and their organizational impact – Telecommunication and Networks – Types and Topologies of Networks.

**2) Systems Analysis and Design:** - System Development Life Cycle – Alternative Systems Building Approaches – Proto Typing Development Strategies-Structured Analysis – Prototyping.

**Decision Support System:** - Group Support System – Executive Information Systems - Executive Support Systems – Experts Systems and Knowledge based Experts Systems.

**Recommended Books: -**

- 1) Laudon and Laudon , Management Information Systems,7th Edition, Pearson Education Asia
- 2) Jawadekar, Management Information Systems, Tata McGraw Hill
- 3) Turban and Aronson, Decision Support Systems and Intelligent Systems, Pearson Education Asia.

Jayant Oke ,Management Information Systems



**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**  
**B.B.A. II Year IV Semester**  
**Syllabus**  
**Subject: Human Rights**

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**Objectives:** - The course provides an introduction to basic human rights philosophy, principles, instruments and institutions, and also an overview of current issues in the field.

**Unit: - I Nature and Significance of Human Rights**

A) Human Right: Definition, Meaning, B) Different Types of Human Right, C) Understanding Nature of Human Rights in Everyday Life.

**Evolution of Human Rights:** - A) Evolution of Human Rights in India, B) Classification of Human Rights, C) Changing Nature of Human Rights.

**Unit: - II Violation of Human Rights in Everyday Life**

A) The Nature of Violation of Human Rights: B) Violation of Child Rights and Violation of Women Rights, C) Violation of Minority Rights and Vulnerable Groups.

**Theoretical Approaches of Human Rights :** - Marxist, Feministic, Socialistic, Liberal.

**Recommended Books: -**

1. Desai, A.R, 1986, 'Violation of Democratic Rights in India,'Vol. I, Popular Prakashan, Bombay.
2. Devasia V.V, Women, Social Justice and Human Rights, APH, New Delhi, 2009.
3. G. Haragopal, 1998, "Political Economy of Human Rights", Gurpreet Mahajan Ed., Democracy, Difference and Social Justice, Oxford University Press New Delhi.
4. Human Development Report, 1997
5. John Rawls, 2001, Law of the People, Harvard University Press Cambridge.
6. Kevin Boyle (ed.), 2009, 'New Institutions for Human Rights Protection,' OUP, Clarendon.