



Autonomous (2016-17)

Malad Kandivli Education Society's  
**NAGINDAS KHANDWALA COLLEGE**  
OF COMMERCE, ARTS & MANAGEMENT STUDIES  
AND SHANTABEN NAGINDAS KHANDWALA COLLEGE OF SCIENCE

(Re-accredited (3<sup>rd</sup> cycle) by NAAC with 'A' Grade)

ISO 9001 : 2015 Certified

Educational Excellence Award By Indus Foundation, U.S.A.

IMC Ramkrishna Bajaj National Quality Commendation Certificate

In the academic year 2017-18, 152 courses are catering to employability/ entrepreneurship/ skill development.

Sr. No.	Program	No. of Courses
1	Bachelor of Commerce (B.COM)	10
2	Bachelor of Arts (B.A)	6
3	Bachelor in Management Studies- (BMS)	31
4	Bachelor of Commerce (Accounts and Finance)- BAF	10
5	Bachelor of Commerce (Banking and Insurance)-BBI	10
6	Bachelor of Commerce (Financial Markets)-BFM	6
7	Bachelor of Science - Information Technology (B.Sc IT)	4
8	Bachelor of Science- Computer Science(B.Sc CS)	2
9	Bachelor of Arts- Multimedia and Mass Communication (B.A.MMC)	16
10	Master Of Commerce-(M.COM)-Accountancy & Management	11
11	Master of Arts (Economics)	6
12	Master of Arts (Geography)	19
13	Master of Science (Information Technology) (M.Sc IT)	21
		<b>152</b>

Attached herewith is the mapping of the courses to employability/ entrepreneurship/ skill development.

*M Datta,*

Prof. (Dr.) Moushumi Datta

I/c. Principal



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**Metric 1.1.3 Focus on Employability/ Entrepreneurship/ Skill Development**

**Academic year: 2017-18**

**Name of the programme: Bachelor of Commerce**

Sr. No.	Semester	Course	Employability/ Entrepreneurship/ Skill Development	Focus on Employability/ Entrepreneurship/ Skill Development
1	I	Business Communication -I	Employability	The entire course content and the evaluation methods train the students in the best practices of Interpersonal Communication.
			Skill development	Sub Unit 4 of Unit 1 and Units 2 and 3 focuses on their Language Skills as well as Soft Skills which will prove indispensable in the corporate world.
2	I	Introduction to Business	Entrepreneurship	Module 4 deals with concept and importance of Entrepreneurship, competencies of an entrepreneur, etc.
3	II	Business Communication -II	Employability	The entire course content and the evaluation methods train the students in the best practices of Interpersonal Communication.
			Entrepreneurship	Unit 3 teaches the students the communication skills required of a business owner
			Skill development	All units focus on the language skills required in a professional organisation
4	III	Management: Principles & Functions	Employability and Entrepreneurship	Teaches basics of management such as planning, decision making, organising and management challenges in competitive environment
5	III	Accountancy & Financial Management III	Employability	Students learn to convert and record foreign currency transactions in reporting currency; which can enable





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				them to assist business units in accounting for import-export transactions
6	III	Business Law	Entrepreneurship	Students while getting into their own business will be aware of various business-related laws (Modules 1, 2, 3), sellers rights (Module 4), dishonour of instruments (Module 5)
7	IV	Advertising: Agency and Media Operations	Employability	Module II includes advertising copy writing, Module III includes careers in advertising agencies, media, freelancing options for career in advertising.
			Entrepreneurship	Modules III and IV deal with setting-up of an ad agency and media operations
			Skill development	Module II deals with creativity in advertising
8	IV	Management: Production & Finance	Employability	Module 4 deals with contemporary issues in financial market such as lease financing, mutual funds, derivatives, venture capital and micro-finance
9	IV	Financial Accounting & Auditing Paper – X – Auditing	Employability	Students develop skills in conduct of audit of companies; they can assist practicing CAs as audit clerks
10	IV	Business Law	Entrepreneurship	Students will be aware of importance of incorporation of their company (Modules 1 and 2), Partnership firm and also firm under Limited Liability Partnership (Module 3)

  
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**Name of the programme: Bachelor of Arts**

Sr. No.	Semester	Course	Employability/ Entrepreneurship/ Skill development	Focus on Employability/ Entrepreneurship/ Skill development
1	I	Communication Skills in English -I	Employability	Unit 4 trains the students in Official Correspondence
			Skill development	Units 1, 2 and 3 enable the students to remember the basics of pronunciation, grammar and composition, while honing their comprehension skills.
2	I	Fundamentals of Psychology	Skill development	Descriptive statistics
3	II	Communication Skills in English -II	Employability	Units 2 and 4 train students to convey complete information in a concise form.
			Skill development	Units 2 and 3 and sub units 2 and 3 of Unit 4 equip students with the language skills required in the field of media. Unit 5 hones the students' critical thinking.
4	II	Fundamentals of Psychology	Skill development	Measures of variability, stress and coping
5	III	Indian Economy: Contemporary Concerns	Employability, skill development and entrepreneurship	Improved Financial Inclusion- access to formal credit
6	IV	Advertising: Agency and Media Operations	Employability	Module-II: Ad Copy Writing, Module-III Careers in Advertising Agency, Media, etc.
			Entrepreneurship	Module-III & IV Setting-up of an Ad Agency and Media Operations
			Skill development	Module-II Ad Copy and its elements

  
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**Name of the Programme: Bachelor of Management Studies**

Sr. No.	Semester	Course	Employability/ Entrepreneurship/Skill I Development	Relevance to Employability/ Entrepreneurship/Skill I Development
1	I	Business Communication- I	Skill Development	The entire syllabus content trains the students about the importance of Listening Skills, cultivating good listening Skills along with using appropriate drafting
2	I	Foundation of Human Skills	Skill Development	Module II emphasis on the importance of group dynamics and team work, how to solve organisational conflicts and Module IV enhances various ways for coping work -related stress
3	I	Principles of Management	Skill Development	The course content trains the students in decisions making through effective planning and good leadership qualities also learns Bureaucratic Management and Hawthorne Studies
4	I	Introduction to Financial Accounts	Skill Development	Through the entire syllabus students will learn various applications of accounting and preparation and presentation of final accounts and trail balance
5	I	Business Law	Skill Development	Module IV students will be aware of the importance about patent, copyrights and



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				trademarks
6	I	Business Statistics	Skill Development	Module II and IV helps the student understand how to make decisions during difficult times
7	II	Business Communication - II	Skill Development	Module I aids the students to design power point presentation and Module II makes the students correlate and connect with the public through public relations
8	II	Foundation Course – II	Skill Development	The course content educates the students on conflict-resolution and efforts towards building peace and harmony in society
9	II	Principles of Marketing	Skill Development	The course content trains the students in personnel selling
10	II	Business Economics	Skill Development	The students will know the use of marginal analysis while making important decisions for business
11	II	Business Mathematics	Skill Development	The course content assists the students to analyse data and application of derivatives
12	III	Information Technology in Business Management - I	Skill Development	Learners are up skilled with business presentation skills enabling them to utilise outlook to optimum is also an added value
13	III	Business Planning & Entrepreneurial Management	Entrepreneurship Development	Module III lays importance on the qualities or values required for entrepreneurship





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			Skill Development	Students are shown the direction for starting venture
14	III	Accounting for Managerial Decisions	Skill Development	Enables Financial Statements Analytical skills
15	III	Strategic Management	Skill Development	Module II helps in Enabling Resource based view
16	III	Basics of Financial Services	Employability	This course is explaining all products and services in financial services & also specifying the functioning of mutual fund products
17	III	Introduction to Cost Accounting	Skill Development	Enabling learners to Reconcile financial statements
18	III	Equity & Debt Market	Skill Development	Module IV will help students to value balance sheet
19	III	Corporate Finance	Skill Development	The course up skills the learner with EPS Analysis and deciding on capital structure decisions
20	III	Consumer Behaviour	Skill Development	Students are familiarized with various personality traits that can help in marketing strategies
21	III	Product innovations management	Skill Development	Familiarizing with all relevant thinking tools for innovations and explaining product development process for new products. Creativity being a very vital topic is explored and expressed.
22	III	Social Marketing	Employability	Awareness about social work as a career towards society development and enriching one's life

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				objectives
23	IV	Information Technology in Business Management-II	Skill Development	The students get clarity on marketing and sales system through MIS also helps in implementation of data mining and CRM
			Employability	The students are made aware of various opportunities in BPO and IT sector
24	IV	Business Research Methods	Skill Development	The students are made conscious on research design, collection and interpretation of data
25	IV	Production and Total Quality Management	Skill Development	The students get an idea of designing the product and managing inventory with utmost care
26	IV	Strategic Cost Management	Skill Development	Students learn Activity Based Management and Activity Based Budgeting in Module II whereas Module IV discusses the evaluation of profits and investment
27	IV	Corporate Restructuring	Skill Development	Students get an understanding on the planning, formulation and execution of various restructuring strategies
28	IV	Auditing	Skill Development	Enabling Financial Statements analysis & explaining the relevance of Audit of income in finance
29	IV	Integrated Market Communication	Skill Development	This content enhances effectiveness in sales promotion campaign & addresses public relations and publicity issues and strategies





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30	IV	Event Marketing	Skill Development	Learners are introduced to event designing & event creativity
			Employability	Students are familiarized to the various career opportunities in event marketing
31	IV	Tourism Marketing	Employability	This content explores tourism planning & drawing a itinerary for tourist
			Skill Development	Students are taught various marketing strategies of the tourism industry

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**Nagindas Khandwala College (Autonomous)**

**Name of the programme: Bachelor of Commerce (Accounting and Finance)**

Sr. No.	Semester	Course	Employability/ Entrepreneurship/ Skill Development	Focus on Employability/ Entrepreneurship/ Skill Development
1	I	Business Communications - I	Skill Development	It emphasis on overall communication skill development of students
2	I	Business Economics	Entrepreneurship	It enhances over decision making skills of a student as a businessman considering its impact at a national level
3	I	Commerce (Business Environment – I)	Entrepreneurship	It enhances over decision making skills of a businessman introducing business environment to the students.
4	I	Financial Accounting-I	Employability	Students develop accounting skills studying various topics such as Accounting Standards, valuation of inventories
5	I	Business mathematics	Employability	Unit 4 prepares the students for employability in the financial markets by enhancing their basic evaluative skills of Shares & Mutual Funds
6	II	Business Communication -II	Employability	The entire course content and the evaluation methods train the students in the best practices of Interpersonal Communication.
7	II	Indirect Taxation-I	Employability	Students get prepared for employment in taxation firm
8	III	I.T. – I	Employability	Development of Technical skills helps students for their employment
9	IV	Taxation-II	Employability	Students get prepared for employment in taxation firm
10	IV	I.T. – II	Employability	Development of Technical skills helps students for their employment

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**Name of the programme: Bachelor of Commerce (Banking and Insurance)**

Sr. No.	Semester	Course	Employability/ Entrepreneurship/ Skill Development	Focus on Employability/ Entrepreneurship/ Skill Development
1	I	Financial Accounting	Skill Development	Module:4 Writing books of accounts, Preparation of final accounts of trading concerns
2	II	Business Communication-II	Skill Development	Module: 1 Presentation Skills Module:3 Language and Writing Skills: Reports: Parts, Types, Feasibility Reports, Investigative Reports Module:4 Language and Writing Skills
3	II	Organisational Behaviour-I	Skill Development	Module:2 Soft Skills, Interpersonal Skills, Multicultural Skills, Cross Cultural Skills.
4	III	Management Accounting	Employability	Module: 2 Ratio analysis: Meaning, classification, Du Point Chart, advantages & limitations.
			Entrepreneurship	Module:3 Estimation /Projection of Working Capital Requirements in case of Trading and Manufacturing Organization
5	III	Direct Taxation	Employability	Module:4 Computation of total income for individual
6	III	Information Technology-I	Skill Development	Module:3 <b>MS-Excel:</b> Manipulating data, Working with charts, Working with PIVOT table and what-if analysis; Advanced excel functions Application in Banking and Insurance Sector – Calculation of Interest, Calculation of Instalment, Calculation of Cash Flow, Calculation of Premium, Calculation of risk



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				coverage in Insurance and Reporting.
7	III	Organisational Behaviour-II	Employability	Module:2 Group Decision-Making: Advantages, Disadvantages, Assumptions, Managing Group Decision-Making, Strength and Weakness of Group Decision-Making
8	IV	Entrepreneurship Management	Entrepreneurship	Module:1 Concept, meaning and definition of entrepreneur and entrepreneurship Module:2 Entrepreneurial Project Development Module:4 Entrepreneurship Development Programme and Risk Management All modules of this subject deals with entrepreneurship
9	IV	Financial Management-II	Entrepreneurship	Module:3 Financial Planning: Meaning and Essentials of Budget, Types of Budget, Advantages of Budgeting, Zero Based Budgeting, Master Budget, Sales Budget, Production Budget, Material Budget, Cash Budget and Flexible Budget.
10	IV	Information Technology-II	Employability	Module:4 Ms-Office: Packages For Institutional Automation: MS Power Point Presentation, Introduction to Tally ERP 9.0 Applications of Internet: Introduction to e-mail, writing professional e-mails, creating digitally signed documents, use of outlook express: configuring outlook express, creating and managing profile in outlook, sending and receiving e-mails via outlook express, Emailing the merged documents, boomerang facility of email, Google drive: usage of Google drive in storing the





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				Google documents, excel sheets, presentations and PDF files.
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**Name of the Programme: Bachelor of Commerce (Financial Markets)**

<b>Sr. No.</b>	<b>Semester</b>	<b>Course</b>	<b>Employability/ Entrepreneurship/ Skill development</b>	<b>Employability/ Entrepreneurship/ Skill development</b>
1	I	Business Mathematics	Employability	The content of syllabus on NAV calculation is useful in making the learner employable.
2	I	Business Communication - I	Skill Development	Listening skills and speaking skills are enhanced by knowledge from units 2 and 4 respectively.
3	II	Computer Skills - I	Employability	Topics related to computer hardware, windows and internet, word and excel make learners employable.
4	II	Principles of Management	Employability	Concepts of management – planning, decision making, organising, management control enhance employability.
5	II	Business Communication - II	Skill Development	Presentation skill and language skills are imbibed from the contents of unit 1.
6	III	Management Accounting	Employability	Entire subject directly makes the learner employable

  
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**Name of the programme: Bachelor of Science (Information Technology)**

<b>Sr. No.</b>	<b>Semester</b>	<b>Course</b>	<b>Employability/ Entrepreneurship/ Skill Development</b>	<b>Focus on Employability/ Entrepreneurship/ Skill Development</b>
1	I	Business Communication (Theory and Practical)	Skill Development	Enhances Listening, Speaking, Reading and Writing skills of students to meet the challenges of the Corporate World.
2	II	Web Programming (Theory and Practical)	Skill Development	Makes student work on creation of dynamic websites using different components.
3	III	Python Programming (Theory and Practical)	Skill Development	Enhances knowledge of writing basic use of Python Datatypes and Statements and use Database Connection with Python Application and Implementing UI Applications using Python's TKinter
4	IV	Core Java	Skill Development	Helps to Understand fundamentals of Java and implementing networking and I/O using Java and Implement Multithreading concept in Java, GUI components and database connectivity

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**Name of the programme: Bachelor of Science (Computer Science)**

<b>Sr. No.</b>	<b>Semester</b>	<b>Course</b>	<b>Employability/ Entrepreneurship/ Skill Development</b>	<b>Focus on Employability/ Entrepreneurship/ Skill Development</b>
1	I	Soft skills development	Skill Development	Enhances Listening, Speaking, Reading and Writing skills of students to meet the challenges of the Corporate World.
2	III	Web Programming (Theory and Practical)	Skill Development	Makes student work on creation of dynamic websites using different components.

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**Name of the Programme: Bachelor of Arts (Mass Media)**

Sr No.	Semester	Course	Employability/ Entrepreneurship/ Skill Development	Focus on Employability/ Entrepreneurship/ Skill Development
1	I	Mass Communication	Skill Development	The entire course (Units I to V) equips the students to employ mass media tools of communication which enhances employability and skill development.
2	I	Effective Communication Skills I	Employability	The course from Unit III-VI covers important segments in Letter writing, Editing and translations that will be helpful in employment of the learners.
3	I	Introduction to Computers	Skill Development	The entire course -Units I-VI is valuable for both the advertising and Journalism students and enhances their employability factor.
4	II	Effective Communication Skills II	Skill Development	The entire course -Units I-VII - is valuable to Advertising and Journalism students as it skills them in both oral and written skills and tools.
5	II	Principles of Marketing	Employability/ Entrepreneurship	The entire course Units 1-VIII enhances the employability factor of students seeking a career in sales and marketing and to create start-ups.
6	II	Principles of Management	Employability/ Entrepreneurship	The module Unit VI on Group Dynamics and Team Management enhances employability.
7	III	Understanding Cinema	Employability/ Skill Development	This module Units V and VII makes students well-versed with the various film formats and prepares for a career in the business of cinema.
8	III	Introduction to Public Relations	Skill Development	In Unit VII to IX, learners acquire skill to design PR campaigns, communicate during crisis by using various tools thereby enhancing their readiness for the industry.
9	III	Creative Writing	Skill Development	The entire course (Units I-IV) is designed to prepare the learners for careers in script writing and content creators.
10	III	Advance Computers	Employability / Entrepreneurship	The entire course (Units I-IV) readies the learners as graphic designers and sound and video editors.



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11	IV	Introduction to Journalism	Employability	Units XIII prepare learners for employability by emphasising on the various career opportunities in the field of journalism.
12	IV	Introduction to Advertising	Skill Development	Unit IV stresses on the Advertising message with practice sessions to prepare students for the advertising industry.
13	IV	Photography and Print Production	Employability / Entrepreneurship	The course prepares learners to be job creators and enhances the employability of job seekers in the photography industry.
14	IV	TV and radio	Skill Development	Learners are readied in Units XII in Radio section and XIII, XVI, XVII in the TV section for both the TV and Radio industries. They are exposed to writing for Radio and Production techniques including sound and visual effects in the electronic media thus enhancing employability.
15	IV	Organisational Behaviour	Employability / Entrepreneurship	Units VII, VIII, IX contribute to employability and skills learners to be effective job creators and entrepreneurs.
16	IV	Mass Media Research	Employability/ Skill Development	The entire course (Units I-XII) enhances the employability of the learners by enhancing their research skills. It is valuable for all students - Advertising, Journalism and those who wish to pursue a career in research in the media industry.

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**Name of the programme: Master in Commerce**

Sr. No.	Semester	Course	Employability/ Entrepreneurship/ Skill development	Employability/ Entrepreneurship/ Skill development
1	I	Strategic Management	Entrepreneurship	Start-up Business Strategies and Make in India Model: Process of business start-ups and its Challenges, Growth Prospects, and government initiatives in Make in India Model with reference to National manufacturing, Contribution of Make in India
2	I	Services Marketing	Employability	Unit 4 which is about marketing of services. It will contribute to generating employability
			Entrepreneurship	Managing quality aspects of service
			Skill development	Core and Supplementary activities of services
3	II	Research Methodology for Business	Employability	Data Analyses and R&D
4	II	Corporate Finance	Employability	Learners will be able to imbibe the knowledge and skills which are important for pursuing a career in Financial Management or Research and Analysis in a corporate house
5	II	E-Commerce	Entrepreneurship	Unit 2 teaches e-enterprise and its management
			Skill development	Learners can take e-marketing internships and assignments
6	II	Retail Management	Employability	Entire fourth module provides details about the career opportunities in Retail Industry Module Two on Retail



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				Management and understanding the consumer behaviour. Module Three explains about the retail location, layout, and merchandising
			Entrepreneurship	Learners undergo the Internship in retail shops and malls
			Skill development	Learners undergo the Internship in retail shops and Malls
7	III	Direct Tax	Skill development	Students get prepared for employment in taxation firm
8	III	Entrepreneurship	Employability	Entire Syllabus focuses on employability and entrepreneurship
			Entrepreneurship	Course cover different skills of entrepreneur
9	III	Organisational Behaviour	Employability	Develops an understanding of individual differences, challenges faced in workplace, adapting to change in the workplace- Also develops the ability to work in team and resolve conflicts.
10	IV	Brand Management	Employability	Planning and implementing Brand Marketing Programs
			Entrepreneurship	Growing and sustaining brand equity
11	IV	Indirect Tax- Introduction of Goods and Service Tax	Employability	Students get prepared for employment in taxation firm

  
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**Name of the programme: Master in Arts- Economics**

Sr. No.	Semester	Course	Employability/ Entrepreneurship/ Skill Development	Focus on Employability/ Entrepreneurship/ Skill Development
1	I	Economics of Development	Employability and Skill Development	Human Capital, Credit Market-Microfinance
			Entrepreneurship	Credit Market-Microfinance
2	III	Economics of Agricultural Production and Rural Markets	Employability	NABARD, Microfinance
			Entrepreneurship	Agri-Business and Contact Farming; NABARD, Microfinance
3	III	Industrial Economics	Employability and Skill Development	Foreign Direct Investment; Make in India
			Entrepreneurship	Schumpeter's Theory; Product and Process Innovations
4	III	Banking: Theory and Policy	Employability, Skill Development and Entrepreneurship	Financial Inclusion- Microfinance Institutions
5	IV	Agricultural Development and Policy	Employability	Watershed Approach; Employment
6	IV	Economics of Human Development	Employability	Participation; Inclusive Growth; Livelihoods
			Skill Development	Capability Approach

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**Name of the Programme: Master in Arts- Geography**

Sr. No.	Semester	Course	Employability/ Entrepreneurship/ Skill Development	Focus on Employability/ Entrepreneurship/ Skill Development
1	I	Principles of Geomorphology	Employability	Subunit 1.2 of Unit 1 focusses on the evolution of Earth which would give employment in geological organizations
			Skill development	Unit 3 and Unit 4 entirely focus upon various landforms and their development in such a way that they can be identified easily on ground.
2	I	Principles of Climatology	Skill development	Units 2, 3 and 4 explain the climatic formations and phenomena in great detail with the help of diagrams and recent examples
3	I	Perspectives in Human Geography	Skill development	Units 2 and 4 explain the reasons behind the development of urban systems and ways to alter them for the benefit of the urban society
4	I	Spatial Organization of Economic Activities	Skill development	Unit 2 explains the functioning of developed economies and the trade organizations. Unit 3 explains the economic activities in depth. Unit 4 explains all the organizations that are currently active in the functioning of a smooth economic system
5	I	Tools and Techniques of Spatial Analysis-I	Employability	Unit 2 focusses on topographic mapping and interpretation
			Skill development	Units 1 and 3 help to learn all the skills needed to analyse the landforms, maps, and climatic phenomena.
6	I	Tools and Techniques of Spatial Analysis-II	Employability	The 3 <sup>rd</sup> unit teaches data analysis through computers which is the most recent development
			Skill development	Units 1 and 2 teach various





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				methods of spatial data analysis
7	II	Oceanography and Hydrology	Employability	Unit 4 teaches aspects related to watershed development which is the need of the hour
8	II	Geoinformatics	Employability	Unit 3 focusses on aspects of GIS inculcating skills for employability
			Skill Development	Unit 4 teaches applications of geospatial technology in which a learner can start its own firm
9	II	Socio-Cultural and Political Geography	Skill Development	Subunit 4.3 of unit 4 focusses upon the present urban structure
10	II	Urban Geography	Skill Development	Unit 4 is focussed upon developing skills to understand the metropolitan structure with relevant examples
11	II	Tools and Techniques of Spatial Analysis-III	Employability	Subunit 3.4 of unit 3 prepares for paid field work
			Skill Development	All the three units focus upon developing various skills related to Geoinformatics
12	II	Tools and Techniques of Spatial Analysis-IV	Employability	Subunit 2.2 of unit 2 prepares for employment in mapping organizations
			Skill Development	Units 1 and 3 are focussed upon developing skills related to spatial analysis
13	III	Research Methodology in Geography	Employability	Unit 4 can lead to employment in any research-based organization/ consultancy
			Skill Development	Subunits 1.3 and 1.4 of unit1, subunit 2.2 of unit2 and subunit 3.3 and 3.4 of unit 3 focus of skill development related to research
14	III	Climatology of the Tropics	Skill Development	Subunit 3.4 of unit 3 and subunit 4.3 of unit 4 develop skills related to the subject
15	III	Geography of South Asia with Special Reference to	Skill Development	Unit 4 deals with current affairs and develops the skills to critically analyse the issues based on prior knowledge of the

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		India		subject
16	III	Tools and Techniques of Spatial Analysis V	Employability	Unit 4 gives practical idea about environmental research
			Skill Development	Units 1, 2 and 3 develop the essential skills for qualitative and spatial data analysis
17	III	Tools and Techniques of Spatial Analysis VI	Skill Development	Subunit 3.3 of unit 3 focuses upon developing skills for mapping and interpretation of levels of development
18	IV	Geo-informatics and Health Care	Employability	Unit 4 focuses upon applications of GIS in healthcare making the learner ready for the sector
19	IV	Ecology and Environment	Employability	Unit 4 focuses upon real time environmental research

**PRINCIPAL**

NAGINDAS KHANDWALA COLLEGE OF COMMERCE  
ARTS & MANAGEMENT STUDIES AND SHANTABEN  
NAGINDAS KHANDWALA COLLEGE OF SCIENCE  
(AUTONOMOUS)  
MALAD (W), MUMBAI - 400 064





**Nagindas Khandwala College (Autonomous)**

**Name of the programme: Master in Science- Information Technology**

Sr. No.	Semester	Course	Employability/ Entrepreneurship/ Skill Development	Focus on Employability/ Entrepreneurship/ Skill Development
1	I	Data Mining Practical	Employability and skill development	Identify the scope and essentiality of Data Mining, to analyze data, choose relevant models and algorithms for respective applications, to study spatial and web data mining, to develop research interest towards advances in data mining.
2	I	Distributed System Practical	Employability and skill development	Identify the advantages and challenges in designing distributed algorithms for different primitives like mutual exclusion, deadlock detection, agreement, design and develop distributed programs using sockets and RPC/RMI
3	I	Data Analysis Tools Practical	Employability and skill development	Ability to understand and apply statistical knowledge in daily life applications.
4	I	Software Testing Practical	Employability and skill development	Helps to master a range of different software testing techniques and strategies and be able to apply specific (automated) unit testing method to the projects, distinguish characteristics of structural testing methods, demonstrate the integration testing which aims to uncover interaction and compatibility problems as early as possible.
5	II	Mobile Computing Practical	Employability and skill development	Enable students to compare and contrast multiple division techniques, mobile communication systems, and existing wireless networks
6	II	Advanced	Employability and	Introduces learner to computer



### Nagindas Khandwala College (Autonomous)

		Computer Networks Practical	skill development	networks and concentrates on building a firm foundation for understanding Data Communications and Computer Networks,
7	II	Cloud Computing and Ubiquitous System Practical	Employability and skill development	Helps to learn how to use Cloud Services, to implement Virtualization, to build Private Cloud.
8	II	Advanced Database Systems Practical	Employability and skill development	Helps to understand DBMS architecture, query processing and techniques, principles of concurrency control and fragmentation
9	III	Embedded Systems Practical	Employability and skill development	Foster ability to understand the role of embedded systems in industry.
10	III	Information Security Management Practical	Employability and skill development	To master information security governance, and related legal and regulatory issues
11	III	Artificial Neural Networks Practical	Employability and skill development	design single and multi-layer feed-forward neural networks; program linear and nonlinear models for data mining
12	III	Virtualization Practical	Employability and skill development	Understanding Virtual machines and Implementation of virtual machines, Understanding virtualization and various ways of using virtualization
13	III	Digital Image Processing Practical	Employability and skill development	Analyse images in the frequency domain using various transforms, evaluate the techniques for image enhancement and image restoration.
14	III	Ethical Hacking Practical	Employability and skill development	Identify tools and techniques to carry out a penetration testing, critically evaluate security techniques used to protect system and user data.
15	IV	Intelligent Systems Practical	Employability and skill development	Develop intelligent algorithms for constraint satisfaction problems and also design intelligent systems for Game

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**Nagindas Khandwala College (Autonomous)**

				Playing
16	IV	Real Time Embedded Systems Practical	Employability and skill development	Foster ability to understand the role of embedded systems in industry.
17	IV	Computer Forensics Practical	Employability and skill development	Analyse various computer forensics systems
18	IV	Advanced Image Processing Practical	Employability and skill development	Analyse images in the frequency domain using various transforms, evaluate the techniques for image enhancement and image restoration.
19	IV	Design of Embedded Control Systems Practical	Employability and skill development	Foster ability to understand the role of embedded systems in industry.
20	IV	Cloud Management Practical	Employability and skill development	Apply and design suitable Virtualization concept, Cloud Resource Management and design scheduling algorithms.
21	IV	Project	Employability and skill development	Learner gains hands-on experience by making project for research or industry

  
**PRINCIPAL**