

## MAPPING OF THE COURSES RELATED TO EMPLOYMENT, ENTREPRENEURSHIP AND SKILL DEVELOPMENT

The courses are mapped by concern teachers according to scoring scheme ranging from 1 to 3 where 1 denotes less emphasis and 3 denotes highest emphasis on category of courses.

Name of the Course	Course Code	Mapping (scoring scheme : 1/2/3)		
		Employability	Entrepreneurship	Skill Development
LaTeX Typesetting	MTU-107	3	1	2
Writing and Presentation using LaTeX	MTU-108	3	1	2
Soft Skill-I	MTU-109	3	3	3
Programming in Scilab	MTU-207	2	2	3
Mathematical tools in Scilab	MTU-208	2	2	3
Soft Skill-II	MTU-209	3	3	3
Coding Theory	MTU-307	2	2	2
Programming in C	MTU-312	3	3	3
Methods in Numerical Analysis using C	MTU-313	3	2	3
Cryptography	MTU-408	2	2	3
Soft Skill-I	STS 01	3	3	3
Soft Skill- II	STS 02	3	3	3
R Computing-1	MATHOE-01	2	2	3
Introduction to SciLab	MATHP-207	2	2	3
R Computing-2	MATHOE-02	3	2	3
Introduction to SageMath	MATHP-312	2	2	3

Statistical Methods	Eco 103	2	2	3
Mathematics Economics	Eco 203	3	3	3
Econometrics	Eco 303	2	2	2
Financial Institutions and Markets	Eco 304 (A)	2	2	3
Computer Application for Economic Analysis	Eco 404 (C)	3	3	3
Case Work	II (Sem-I)	2	3	2
Group work	CC-SW-201	2		
Personnal Management	XIV	2	3	3
Human Resource Development	XVIII	2	3	3
Field work Practice	CC-SW-206	3	3	3
Social Research and Computer Application	CC-SW-203	3	3	3
International obligation to protect Human Rights and Duties	DSE-HR-204 (B)	2	3	3
Development Trade and Human rights	DSE-HR-204 A	2	3	3
Sociology of Sanitation	DSE-SOC-104-C	2	2	2
Research Methodology and Methods	SOC-CC-203	2	2	2
Sociology of Tribal Society	SOC- DSE-204-A	2	2	2
Study of Agrarian Society	SOC- DSE-204-B	2	2	2
Sociology of Marginalized and Weaker Section	SOC- DSE-204-C	2	2	2
Teacher Education	MEDCC204	2	3	3
ICT in Education	MEDOE304	2		3

Teacher Education	MEDCC204	3	3	3
Inclusive Education	MEDOE205	2	3	3
ICT in Education	MEDOE206	2	3	3
Education Technology	MEDOE207	2	2	2
Yogic Sciences	SOE/PE/E-501	2	2	2
SPORTS TECHNOLOGY	SOE/PE/E/502	3	3	3
ATHLETIC CARE AND REHABILITATION	SOE/PE/C-603	2	3	3
SPORTS JOURNALISM AND MASS MEDIA	SOE/PE/E-601	2	3	3
Yogic Sciences	MPCC-103	2	2	2
Sports Technology	MPEC-102	2	2	2
Athletic Care and Rehabilitation	MPCC-203	3	3	3
Sports Journalism and Mass Media	MPEC-201	2	3	3
Scientific Principles of Sports Training	MPCC-301	2	3	3
Information & Communication Technology(ICT) in Physical Education	MPCC-401	2	2	2
Entrepreneurship skill	208	2	2	2
Selling and Negotiation Skills	207 B	3	3	3
Business Entrepreneurship	MC 105	2	3	3
Materials Science	PHYET 302/402 (B)	2	3	3
Fiber Optics & Lasers	PHYET 303/403 (B)	3	3	3

Astrophysics	PHYET 302/402 (A)	3	3	3
Electronics	PHYET 303/403 (A)	2	3	3
Mathematical Physics	PHYCT 101	2	3	3
Numerical Techniques and C-Programming	PHYCT 102	2	2	2
Classical Mechanics	PHYCT 103	2	2	2
Electronic Devices and Applications	PHYCT 104	2	3	3
Condensed Matter Physics	PHYCT 201	2	2	3
Atomic and Molecular Physics	PHYCT 202	2	2	3
Statistical Mechanics	PHYCT 203	2	2	2
Quantum Mechanics	PHYCT 204	2	2	2
Electrodynamics	PHYCT 301	3	3	
C- Programming Laboratory	PHYCL 111	2	3	2
Numerical Techniques Laboratory	PHYCL 112	2	3	2
General Electronics Laboratory	PHYCL 113	2	2	2
Digital Electronics Laboratory	PHYCL 114	2	2	2
Solid State Physics Laboratory	PHYCL 211	3	3	2

Semiconductor Physics Laboratory	PHYCL 212	3	3	2
Spectroscopy Laboratory	PHYCL 213	2	3	2
General Physics Laboratory	PHYCL 214	2	3	2
Skill based activity	CS 1-7, 2-7,3-7,4-7,	2	2	3
Programming Languages	CS 2-1, CS2-4 B, CS 3-3, CS3-5	2	2	3
Service based Skill development	CS 4-5 B	3	3	3
Programming Languages	CS 2-4B,CS 2-5, CS 4-6,	3	3	3
Skill based activity	CS 4-1	2	3	3
Skill based activity	CS 1-7, 2-7,3-7,4-7,	2	3	3
Skill based activity	CS 1-7, 2-7,3-7,4-7,	2	2	3
Introduction to Web Tech.	CA-122	2	2	3
Data Sciences	Dec-1	3	3	3
Mobile Application Development	PCS-CA-9	2	3	3

Cyber forensics	Dec-2	3	2	3
Big Data analytics	Dec-3	3	3	3
Android App. Develop.	PSC-CA-10	3	3	3
SK-01	NCA-108	3	3	3
Linux & NW Admin	PSC-CN-4	3	2	3
Mobile App.Dev	PSC-CN-8	3	2	2
SK-01	NCN-108	3	2	2
Cyber Forensics and Information Security	NCN-207 B	3	3	3
SK-02	NCN-208	3	2	3
SK-04	NCN-408	3	2	2
Web Progr.& design	MCA-501	3	2	2
Cyber forensic	MCA-504-C	3	3	3
Web Design & Technolo	MCA-203	3	2	3
Software Testing	MCA-404	3	2	3
Data Sciences	Dec-1	3	2	2
Big Data Analytics	Dec-7	3	2	2

Mobile Application Development	PSC-MCA-13	<b>3</b>	<b>2</b>	<b>3</b>
Data Sciences	Dec-1	<b>3</b>	<b>2</b>	<b>2</b>
Mobile App.Development	PCS-CS-9	<b>3</b>	<b>2</b>	<b>2</b>
Big Data analytics	Dec-7	<b>3</b>	<b>3</b>	<b>3</b>
Android App. Develop.	PSC-CS-10	<b>3</b>	<b>2</b>	<b>3</b>
Chromatographic methods of analysis	ACH 312	<b>2</b>	<b>3</b>	<b>2</b>
Electroanalytica and thermal methods of analysis	ACH-411	<b>2</b>	<b>2</b>	<b>2</b>
Polymer from renewable sources	POCH-462	<b>2</b>	<b>2</b>	
Communication Skills 2 (4 credits)	EC 4 (C)	<b>3</b>	<b>3</b>	<b>3</b>
Communication Skills 4 (4 credits)	EC 8 (C)	<b>2</b>	<b>3</b>	<b>3</b>
M. B.A	SCM-C-MBA-PG	<b>2</b>	<b>2</b>	<b>3</b>
Bio-analytical Techniques	BTT-104			<b>3</b>
Bio-analytical Techniques	BOT104	<b>2</b>		
Bio-analytical Techniques	IBT 401	<b>2</b>		

Microbiology and Virology	BTT-103	2	2	3
Biochemical and Bioprocess Engineering	BTT-301	2	2	2
Biochemical and Bioprocess Engineering	MBT 301	2	2	2
Microbial and Enzyme Technology	BTT-202	2	3	3
Immunology and Immunotechnology	BTT-203	2	2	3
Pharmaceutical Biotechnology	BTT-402	2	2	2
Plant Biotechnology	BTT-401	2	2	3
Plant Biotechnology	BOT- 303	2	2	2
Animal Biotechnology and tissue Engineering	BTT 204	2	2	2
General Microbiology	BTT 202		3	3
General Microbiology	BOT 202	2	2	3



Angiosperms- I	BOT 204	2	2	3
Phytochemistry	BOT 301	2	2	2
Phytotherapy	BOT 403	2	2	2
Technology of Fruit and Vegetable Processing	BOT-E101	2	3	3
Technology of Biofertilizer Production	BOT-E102	2	2	3
Pharmacognosy	BOT-E201	2	2	2
CommunicationSkills in English	BOT 105,	3	3	3
CommunicationSkills in English	BTT 105	3	3	3
CommunicationSkills in English	MBT 105	3	3	3
CommunicationSkills in English	ZOT 105	3	3	3
English - I	IBT-101	3	3	3
Foreign Language-.	BOT 305	3	3	3
Spanish /French		3	3	3

Foreign Language	MBT 305	3	3	3
Spanish /French		3	3	3
Foreign Language- Spanish /French	BTT305	3	3	3
Foreign Language-	BOT E303	3	3	3
Spanish /French		3	3	3
Phytochemistry and Phytotherapy	BOT-304	2	2	2
Phytochemistry and Phytotherapy	BTT 304	2	2	2
Phytochemistry and Phytotherapy	MBT 304	2	2	2
Phytochemistry and Phytotherapy	ZOT 304	2	2	2
Fundamentals of Plant Tissue Culture	BOT OE 101	2	2	2
Basics of Plant Identification	BOT OE 201	2	2	2
Cell and Developmental Biology	ZOT 101	2	2	2
Taxonomy and Evolutionary Biology	ZOT 102	2	2	2
Biochemistry and Immunology	ZOT 103	2	2	2
Tools and Techniques in Biology	ZOT 104	2	2	2

Genetics and Molecular Biology	ZOT 201	2	2	2
Invertebrate and Vertebrate Structure and Function	ZOT 202	2	2	2
Ecology and Animal Behavior	ZOT 203	2	2	2
Applied Zoology	ZOT 204	2	2	2
Biostatistics and Bioinformatics	ZOT 301	2	2	2
r DNA Technology	ZOT 302	2	2	2
Fish Biology	ZOT 303	2	2	2
Animal Physiology	ZOT 304	2	2	2
Fisheries and Aquaculture	ZOT 401	2	2	2
Animal Biotechnology	ZOT 402	2	2	2

Environmental Pollution and Toxicology	ZOT 403	2	2	2
Endocrinology/Parasitology/Wildlife Biology/Stem Cell Biology	ZOT 404	2	2	2
Biochemistry	ZOT 101	2	2	2
Cell Biology	ZOT 103	2	2	2
Animal Taxonomy and Evolution	ZOT 104	2	2	2
Non-chordate and Protochordates	ZOT 102	2	2	2
Sericulture	MBT 204	2	3	3
Sericulture	ZOT 304	2	3	3
Apiculture	MBT 204	2	3	3
Apiculture	ZOT 104	2	3	3
Goat Farming	ZOT 204	2	3	3
Parasitology	MBT 404	2	3	3
Clinical Biochemistry	ZOT 303	2	3	3
Clinical Biochemistry	BOT 304	2	3	3
Clinical Biochemistry	BTT 304	2	3	3
Clinical Biochemistry	MBT 304	2	3	3
Pharmaceutical Biotechnology	ZOT 303	2	3	3
Pharmaceutical Biotechnology	BOT 304	2	3	3
Pharmaceutical Biotechnology	BTT 304	2	3	3
Food Process Technology	ZOT 303	2	3	3

Food Process Technology	BOT 304	2	3	3
Food Process Technology	MBT 304	2	3	3
Microbial Technology	ZOT 404	2	3	3
Microbial Technology	BOT 404	2	3	3
Microbial Technology	BTT 404	2	3	3
Virology	MBCT 101	2	3	3
Extremophiles and Biodiversity	MBCT 104	2	3	3
Medical Microbiology	MBCT 202	2	3	3
Immunology	MBCT 203	2	3	3
Industrial and Food Microbiology	MBCT 204	2	3	3
Bioprocess and Biochemical Engineering	MBCT 301	2	3	3
Enzyme and Enzyme Technology	MBCT 202	2	3	3
Microbial Technology	MBCT 201	2	3	3
Pharmaceutical Microbiology	MBCT 203	2	3	3

Agriculture Microbiology	MBCT 204	2	3	3
Bioprocess Engineering and technology	MBT 301	2	3	3
Sericulture	MBT 204	2	3	3
Apiculture	MBT 204	2	3	3
Introduction to Computers	IBT-503	2	3	3
Microbial Biotechnology	IBT-504	2	3	3
Essentials of Bioinformatics	IBT-603	2	3	3
Mathematical Modeling in Biology	IBT-604	2	3	3
Pharmaceutical Biotechnology	IBT-801	2	3	3

Animal Biotechnology and Tissue Engineering	IBT-804	2	3	3
Bioprocess Engineering and Technology	IBT-901	2	3	3
Plant Biotechnology	IBT-902	2	3	3
Computer Application in Economic Analysis	ECO104D	2	3	3
Academic Reading & Writing Skills	MSWOE 105-A	2	3	3
Skills for Social Work Practitioners	MSWOE 105-B	2	3	3
Computation Skills in Social Sciences	MSWOE 205-A	2	3	3
Corporate Social Responsibility	MSWOE 303-B	2	3	3
Career Planning in the Humanities	MSWOE-404-C	2	3	3
Human Anatomy and Physiology I– Theory	BP101T	2		

Pharmaceutical Analysis I – Theory	BP102T	2	2	3
Pharmaceutics I – Theory	BP103T	2	2	3
Pharmaceutical Inorganic Chemistry–Theory	BP104T	2	2	3
Communication skills – Theory *	BP105T	2	2	3
Computer Applications in Pharmacy – Practical*	BP210P	2	2	3
Pharmaceutical Organic Chemistry II – Theory	BP301T	2	2	3
Physical Pharmaceutics I – Theory	BP302T	2	2	3
Pharmaceutical Microbiology – Theory	BP303T	2	2	2
Pharmaceutical Engineering – Theory	BP304T	2	2	2
Pharmaceutical Organic Chemistry II – Practical	BP305P	2	3	3



Modern Pharmaceutical Analytical Techniques	MPH101T	2	2	2
Drug Delivery System	MPH102T	2	2	2
Modern Pharmaceutics	MPH103T	2	3	3
Regulatory Affair	MPH104T	2	2	3
Pharmaceutics Practical I	MPH105P	2	2	2
Molecular Pharmaceutics (Nano Tech and Targeted DDS)	MPH201T	3	3	3
Advanced Biopharmaceutics & Pharmacokinetics	MPH202T	2	2	2
Computer Aided Drug Delivery System	MPH203T	2	2	2
Cosmetic and Cosmeceuticals	MPH204T	2	2	2
Pharmaceutics Practical II	MPH205P	2	2	2

Remote Sensing	ENS3-4E1	2	2	3
GIS	ENS3-4E2	3	2	2
Environmental Management	ENS3-2	3	2	2
Remote Sensing	GE3-4E1	3	3	3
GIS	GE3-4E2	3	2	2
Petroleum Geology and Geoexploration	GE4-1	3	2	2
Remote Sensing	GG3-4E1	3	2	3
GIS	GG3-4E2	3	2	2
Remote Sensing	GP3-4E1	3	2	2
GIS	GP3-4E2	3	3	3
Electrical methods	GP2-7	3	2	2
Hydrogeology	GP3-2	3	2	2
Gravity methods	GP2-1	3	2	3
Accounting Management	101		2	2

Marketing Management	203	2	2	2
Human Resource Management	205	2	2	2
Organizational Behaviour	102	2	3	2
Statistical & Quantitative Methods	103	2	2	2
Legal Aspects of Business	104	2	2	2
Business Environment	105	3	3	3
Marketing Management	201	2	2	2
Financial Management	202	2	2	2

Human Resource Management	203	2	2	2
Disaster Management	204	2	2	2
Research Methodology	205	2	3	3
Business Communication	207	2	2	3
Selling and Negotiation Skills	208	2	2	2
International Business	207 B	3	3	3
Business Summer Internship	302		3	
Report	303			3
Natural and Manmade Disaster Studies	304A	2	2	2
Disaster Preparedness	305 A	2	2	2

Industrial Disaster Management	307 A	<b>2</b>	<b>2</b>	<b>3</b>
Personality Development	308	<b>2</b>	<b>2</b>	<b>2</b>
Security Analysis & Portfolio Management.	304 B	<b>2</b>		<b>3</b>
Financial Markets Institutions & Inst	305 B	<b>2</b>		<b>3</b>
Social Finance for Inclusive Growth	306 B-4	<b>2</b>		<b>3</b>
Banking	306 B-5	<b>2</b>		<b>3</b>
Rural Marketing	307 B	<b>3</b>		<b>3</b>
Human Resource Accounting	307D-1	<b>2</b>		<b>3</b>
Creative Problem Solving And Decision Making	306 C-4	<b>2</b>		<b>3</b>

Tourism Marketing	306 D-2	<b>2</b>		<b>3</b>
Marketing Research	304 D	<b>2</b>		<b>3</b>
Consumer Behaviour	305 D	<b>2</b>		<b>3</b>
Brand Management	306 D -1	<b>3</b>	<b>2</b>	<b>2</b>
Business Ethics	402	<b>2</b>	<b>2</b>	<b>2</b>
Research Project Work	403	<b>2</b>	<b>2</b>	<b>3</b>
Recovery , Reconstruction & Rehabilitation	405 A	<b>2</b>	<b>2</b>	<b>2</b>
Fixed IncomeSecurities	404 B	<b>2</b>	<b>2</b>	<b>2</b>
International Finance	405 B	<b>2</b>	<b>3</b>	<b>3</b>
Industrial Safety	407 A-1	<b>3</b>	<b>2</b>	<b>2</b>

Insurance Compensation	407 B-1	2	2	2
Management Services	407 C-1	2	2	3
Marketing	407 D-1	2	2	2
Sales & Distribution Management	405D	2	2	2
Interview Technique	408	2	3	3
Business Entrepreneurship Business Communication	MC 105	3	2	2
Human Resources Management	MC 104	2	2	2

Financial Management	MC 201	2	2	2
Marketing Management	MC 202	2	2	2
304-B Stock Markets	MC 203	2	3	3
304-D Insurance	MC 304-B	2	2	3
E-Commerce	MC 304-D	2	2	2
Import Export Procedure & Documentation	MC 401	3	3	3
405-A Advertising	MC 402	2	2	2
406-D Performance Management System	MC 405-A		3	
Acting	MC 406-D	2	2	2
Stage Craft	PA101	2	2	2
Direction	PA201	2	3	3



Acting	PA202	2	2	3
Stage Craft	PA101	2	2	2
Direction	PA201	3	3	3
Acting & Acting Theory	PA202	2	2	2
Play Production process& Management	PA301	2	2	2
StudentsOwn Production	PA302	2	3	3
Writing Techniques, Film, Television, Radio and Communication, media	PA402	2	2	3
Functional Study of Music- Practicum part 1	PA404	2	2	2
Music Composition and Vocal Part -I	MPA101	3	3	3
Functional Study of Music- Practicum part 2	MPA102-	2	2	2
Music Composition and Vocal Part - 2	MPA201-	2	2	2
Functional Study of Music- Practicum part 3	MPA202-	2	3	3
Music Composition and Vocal Part - 3	MPA301-	2	2	3
Functional Study of Music- Practicum part 4	MPA302-	2	2	2
Music Composition and Vocal Part - 4	MPA401-	3	3	3
Consumer Behavior & Marketing Research	MPA402-	2	2	2
Advertising, Sales Promotion, Sales & Distribution Management	III/SCMS/DSE2/306- A	2	2	2
RuralMarketing	III/SCMS/DSE3/306- B	2	3	3

Industrial Marketing	III/SCMS/DSE4/306-C	2	2	3
Security Analysis & Portfolio Management.	III/SCMS/DSE5/306-D	2	2	2
Strategic Financial Management.	III/SCMS/DSE6/307-A	3	3	3
Financial Derivatives	III/SCMS/DSE7/307-B	2	2	2
International Financial Management	III/SCMS/DSE8/307-C	2	2	2
Human Resource Planning	III/SCMS/DSE9/307-D	2	3	3
Human Resource Training & Development	III/SCMS/DSE10/308-A	2	2	3
Management of Industrial relations & Employment Laws	III/SCMS/DSE11/308-B	2	2	2
Strategic Human Resource Management	III/SCMS/DSE12/308-C	2	2	2
Services & Relationship Marketing	III/SCMS/DSE13/308-D	2	2	3
Retail Management	IV/SCMS/DSE20/406-B	2	2	2
Product & Brand Management	IV/SCMS/DSE21/406-C	2	2	2
Corporate Income Tax and Planning (Business Taxation)	IV/SCMS/DSE22/406-D	2	3	3
Financial Services Management	IV/SCMS/DSE23/407-B	2	2	2
Banking Services Operation	IV/SCMS/DSE24/407-C	2	2	2
International Human Resource Management	IV/SCMS/DSE25/407-D	2	2	3
Leadership Skill and Change	IV/SCMS/DSE26/408-	2		2

Management	B			
Performance Management & Retention Strategies.	IV/SCMS/DSE27/408-C	2		2
Business Policy & Strategic Management	IV/SCMS/DSE28/408-D	2		2
Entrepreneurship Development	III/SCMS/C11/301	2	2	2
International Business Management	III/SCMS/SEC4/302A	2	2	2
Operations Research	III/SCMS/C12/303	2	2	3
Foreign Language I: Spanish/ French	III/SCMS/AECC4/304	2	2	2
Productivity and Quality Management	III/SCMS/SEC5/305-A	2	2	2
Customer Relationship Management	III/SCMS/SEC6/305-B	3	3	2
Banking Reforms	III/SCMS/DSE1/305-B	2	2	2
Legal Framework of banking	MC 3.6.1	2	2	2
Brand Management	M.C.3.6.1	2	2	3
Integrated Marketing communications	MC 3.6.2	2	2	2
Taxation I	M.C.3.6.2	2	2	2
Corporate Accounting	MC 3.6.3	2	3	2
Human Resource Planning	M.C.3.6.3	2	2	2
Human Resource Training and Development	MC 3.6.4	2	2	2
Auditing	MC 3.6.4	2	2	3
Entrepreneurship development*	MC 4.1	2	2	2
Tax Planning	MC 4.2A	2	3	2