

## COMPETENCE ENHANCEMENT SCHEME: 2024-25

### (SEMESTER- II & VI)

#### Department List

S. No	Department name	Programme	Semester	Paper code	Paper name	Paper type	Credit
1.	Department of Statistics	M.A/M.Sc	II	MSTC 202	Stochastic process	Core	4
2.	Department of Statistics	M.A/M.Sc	II	MSTC 204	Design of experiment	Core	4
3.	Department of Statistics	M.A/M.Sc	IV	MSTC 401	Econometrics and time series	Core	4
4.	Department of Statistics	M.A/M.Sc	IV	MSTC 402	Demography, sqc and reliability	Core	4
5.	Department of Biophysics	M.SC. BIOPHYSICS	II	226001202	Physical methods in biology	Core	4
6.	Department of Biophysics	M.SC. BIOPHYSICS	II	226001201	Molecular biophysics	Core	4
6.	Department of Biophysics	M.SC. BIOPHYSICS	IV	226001401	Membrane biophysics and neuro-biophysics	Core	4
7.	Department of Microbiology	MSC MICROBIOLOGY	II	225301202	Industrial microbiology		4
8.	Department of Computer Sci.	MCA	II	MCAC204	Artificial intelligence and machine learning	Core	4
9.	Department of Computer Sci.	M.Sc	II	MCSC204	Cloud computing	Core	4
10.	Department of Computer Sci.	M.Sc	II	MCSC 201	Artificial neural networks	Core	4
11.	Department of Mathematics	M.SC.(MATHEMATICS)	II	MMATH18-202	Introduction to topology	Compulsory	5
12.	Department of Mathematics	M.SC.(MATHEMATICS)	II	MMATH18-204	Fluid dynamics	Compulsory	5
13.	Department of Mathematics	M.SC.(MATHEMATICS)	IV	MMATH18-401(II)	Algebraic number theory	Optional	5
14.	Department of Mathematics	M.SC.(MATHEMATICS)	IV	MMATH18-403(III)	Topological dynamics	Optional	5
15.	Department of Anthropology	M.SC. ANTHROPOLOGY	II	221501202	Research methods and techniques	Core	4
16.	Department of Anthropology	M.SC. ANTHROPOLOGY	II		Fieldwork tradition and ethnography	Core	4
17.	Department of Anthropology	M.SC.	IV	22150120	Business and corporate anthropology	Elective paper	4

		ANTHROPOLOGY					
18.	Faculty of Medical Sciences	B.SC (MT)			Radiography		
19.	Faculty of Medical Sciences	M.SC. (MIT)			Radiology		
20.	Department of Finance and Business Economics	MBA (FINANCE)	II	425901207	International finance	-	4
21.	Department of Finance and Business Economics	MBA (FINANCE)	II	424801204	Environmental economics		4
22.	Department of Finance and Business Economics	MBA (BUSINESS ECONOMICS)	IV	425901403	Strategic financial management	-	4
23.	Department of Finance and Business Economics	MBA (BUSINESS ECONOMICS)	IV	424801402	Strategic management	-	4
24.	Department of Hindi	M.A	II	120501202	Adhunik hindi kavya-i	Core	4
25.	Department of Hindi	M.A	II	120501203	Hindi natak	Core	4
26.	Department of Hindi	M.A	IV	120502408	Adhunik vishwa sahitya (hindi mein anudit)	Core	5
27.	Department of Hindi	M.A	IV	120502417	Sanchar madhyam : avdharna, swaroop aur siddhant	Core	5
28.	Department of Chemistry	M.Sc	II	2176000005	Basic analytical techniques	-	4
29.	Department of Chemistry	M.Sc	II	221701202	Organic chemistry ii		4
30.	Department of Chemistry	M.Sc	IV	221701203	Physical chemistry ii		4
31.	Department of Chemistry	M.Sc	IV	221702402	Organotransition metal chemistry/ bioinorganic chemistry) inorganic chemistry		4
32.	Department of Chemistry	M.Sc	IV	221702411	(biomolecules) organic chemistry		4
33.	Department of Genetics	M.Sc	II	GENCC204	Recombinant dna technology		4
34.	Department of Genetics	M.Sc	II	GENCC203	Regulation of gene expression		4
35.	Department of Genetics	M.Sc	IV	GENEC409	Yeast molecular genetics		4
36.	Department of Electronic Science	M.Sc Electronic	II	ESCC201	Signals and systems	Core	4
37.	Department of Electronic Science	M.Sc Electronic	II	ESCC203	Analog circuit design	Core	4
38.	Department of Electronic Science	M.Sc Electronic	IV	ESCC402	Fabrication and characterization techniques for electronics devices	Core	4
39.	Department of Electronic		IV	2.1	Microwave passive components and circuits (m.tech. Microwave electronics)		4

	Science						
40.	Department of Commerce	MBA-IB	II	MBIBCC201	Legal aspects of business	Core	4
41.	Department of Commerce	MBA-IB	II	MBIBCC202	International trade practices, procedures and documentation	Core	4
42.	Department of Commerce	MBA-IB	II	MBIBCC203	International marketing research	Core	4
43.	Department of Commerce	MBA-IB	II	MBIBCC204	International marketing	Core	4
44.	Department of Commerce	MBA-IB	II	MBIBCC205	Corporate finance	Core	4
45.	Department of Commerce	MBA-IB	II	MBIBCC206	International financial system	Core	4
46.	Department of Commerce	MBA-IB	II	MBIBCC207	Management science	Core	4
47.	Department of Commerce	MBA-HRD	II	MBHRCC201	Human resource development	Core	4
48.	Department of Commerce	MBA-HRD	II	MBHRCC202	Organisational behavior	Core	4
49.	Department of Commerce	MBA-HRD	II	MBHRCC203	Human resource information system	Core	4
50.	Department of Commerce	MBA-HRD	II	MBHRCC204	Performance management and talent management	Core	4
51.	Department of Commerce	MBA-HRD	II	MBHRCC205	Finance for managers	Core	4
52.	Department of Commerce	MBA-HRD	II	MBHRCC206	Labour and social security laws	Core	4
53.	Department of Commerce	MBA-HRD	II	MBHRCC207	Management of human capital	Core	4
54.	Department of Commerce	MBA-BA	II	MBABACC201	Corporate finance	Core	4
55.	Department of Commerce	MBA-BA	II	MBABACC202	Human resource management	Core	4
56.	Department of Commerce	MBA-BA	II	MBABACC203	Big data and cloud computing	Core	4
57.	Department of Commerce	MBA-BA	II	MBABACC204	Using R for analytics	Core	4
58.	Department of Commerce	MBA-BA	II	MBABACC205	Operations management	Core	4
59.	Department of Commerce	MBA-BA	II	MBABACC206	Management science	Core	4
60.	Department of Commerce	MBA-BA	II	MBABACC207	Data warehousing and data management	Core	4
61.	Department of Commerce	MBA-BA	II	MBABACC208	Life skills and communication	Core	4
62.	Department of Commerce	M.COM.	II	MCCC201	Operations research	Core	4
63.	Department of Commerce	M.COM.	II	MCCC202	International business	Core	4
64.	Department of Commerce	M.COM.	II	MCCC203	Marketing management	Core	4
65.	Department of Commerce	M.COM.	II	MCCC204	Advanced financial management and policy	Core	4
66.	Department of Commerce	M.COM.	II	MCCC205	Ethics, corporate governance and sustainability	Core	4
67.	Department of Commerce	MBA-IB	IV	MBIBCC401	Investment analysis and portfolio management	Core	4
68.	Department of Commerce	MBA-IB	IV	MBIBCC402	Global strategic management	Core	4
69.	Department of Commerce	MBA-IB	IV	MBIBCC403	Cross-cultural consumer behaviour and industrial buying behaviour	Core	4
70.	Department of Commerce	MBA-IB	IV	MBIBCC404	International advertising and brand management	Core	4

71	Department of Commerce	MBA-IB	IV	MBIBCC405	International human resource management	Core	4
72	Department of Commerce	MBA-IB	IV	MBIBCC406	India's foreign trade and investment	Core	4
73	Department of Commerce	MBA-IB	IV	MBIBEC05	Foreign language for business-ii	Elective	4
74	Department of Commerce	MBA-HRD	IV	MBAHRCC401	International human resource management	Core	4
75	Department of Commerce	MBA-HRD	IV	MBAHRCC402	Ethics, corporate governance and sustainability	Core	4
76	Department of Commerce	MBA-HRD	IV	MBAHRCC403	Strategic human resource management	Core	4
77	Department of Commerce	MBA-HRD	IV	MBAHRCC404	E business and cyber laws	Core	4
78	Department of Commerce	MBA-HRD	IV	MBAHRCC405	Hr analytics	Core	4
79	Department of Commerce	MBA-HRD	IV	MBAHRCC406	Managing innovation and transformation	Core	4
80	Department of Commerce	MBA-HRD	IV	MBHREC02	Knowledge management	Elective	4
81	Department of Commerce	MBA-BA	IV	MBABACC401	Entrepreneurship and new venture planning	Core	4
82	Department of Commerce	MBA-BA	IV	MBABACC402	Strategic management	Core	4
83	Department of Commerce	MBA-BA	IV	MBABACC403	Supply chain analytics	Core	4
84	Department of Commerce	MBA-BA	IV	MBABACC404	Healthcare analytics	Core	4
85	Department of Commerce	MBA-BA	IV	MBABACC405	Social media analytics	Core	4
86	Department of Commerce	MBA-BA	IV	MBABACC406	Cyber threats and security	Core	4
87	Department of Commerce	MBA-BA	IV	MBABACC407	Indian ethos and leadership	Core	4
88	Department of Commerce	MBA-BA	IV	MBAEC07	Financial modeling using excel	Elective	4
89	Department of Commerce	MBA-BA	IV	MBAEC11	Time series analytics	Elective	4
90	Department of Commerce	M.COM.	IV	MCCC401	Strategic management	Core	4
91	Department of Commerce	M.COM.	IV	MCEC03	Forensic accounting and fraud examination	Core	4
92	Department of Commerce	M.COM.	IV	MCEC04	Global financial reporting and disclosure	Core	4
93	Department of Commerce	M.COM.	IV	MCEC07	Industrial relations and compensation laws	Core	4
94	Department of Commerce	M.COM.	IV	MCEC08	Human resource analytics	Core	4
95	Department of Commerce	M.COM.	IV	MCEC12	International financial management	Core	4
96	Department of Commerce	M.COM.	IV	MCEC15	Consumer behaviour	Core	4
97	Department of Commerce	M.COM.	IV	MCEC 16	Supply chain management and logistics	Core	4
98	Department of Commerce	M.COM.	IV	MCEC19	Exim procedures and documentation	Core	4
99	Department of Commerce	M.COM.	IV	MCEC20	International trade logistics	Core	4
100	Department of Commerce	M.COM.	IV	MCEC26	Insurance products and practice	Core	4
101	Department of Commerce	M.COM.	IV	MCEC11	International financial system	Core	4
102	Department of Commerce	M.COM.	IV	MCEC24	Corporate tax structure and planning	Core	4
103	Department of Commerce	M.COM.	IV	COMOE01	Entrepreneurship and new venture planning	Open elective	4
104	Department of Commerce	M.COM.	IV	COMOE02	Legal environment of business	Open elective	4
105	Department of Commerce	M.COM.	IV	COMOE06	Indian ethos and leadership	Open elective	4