

**Details of CBCS, Skill Enhancement/Ability Enhancement Papers
Offered by Various Departments/Centres for PG Students during Sem.-III**

F/o Natural Sciences

S No.	Department	CBCS Papers	Skill Enhancement	Ability Enhancement
1	Biosciences	<ul style="list-style-type: none"> Environmental Biology 		<ul style="list-style-type: none"> Technical writing and Seminar
2	Biotechnology	<ul style="list-style-type: none"> Medical Biotechnology and Molecular Medicine 		<ul style="list-style-type: none"> IPR, Bioethics & Entrepreneurship
3	Physics	<ul style="list-style-type: none"> Characterisation of Materials Photonics General Relativity 		<ul style="list-style-type: none"> Numerical Analysis and Programming
4	Chemistry	<ul style="list-style-type: none"> Chemistry of Synthetic and Natural Materials-I 		<ul style="list-style-type: none"> Environmental and Green Chemistry
5	Geography	<ul style="list-style-type: none"> Environmental Management 		<ul style="list-style-type: none"> Data Analysis in SPSS
6	Computer Science	<ul style="list-style-type: none"> Modelling and Simulation 		
7	Mathematics	<ul style="list-style-type: none"> Software Engineering Object Oriented Analysis & Design 		<ul style="list-style-type: none"> Web Designing
8	Centre for Interdisciplinary Research in Basic Sciences	<ul style="list-style-type: none"> Advancement in Protein folding and dynamics 		<ul style="list-style-type: none">

F/o Social Sciences

S No.	Department	CBCS papers	Skill Enhancement	Ability Enhancement
1	Political Science	<ul style="list-style-type: none"> State Politics in India Disaster Management Corporate Governance with special reference to India 		<ul style="list-style-type: none"> Research Methodology Office Management and Administrative Improvement
2	Commerce	<ul style="list-style-type: none"> E - Commerce 		<ul style="list-style-type: none"> Human Resource Management
3	Social Work	<ul style="list-style-type: none"> Human Resource and Talent Management -III 		

4	Psychology	<ul style="list-style-type: none"> Health Psychology 		
5	Adult & Continuing Education Extension	<ul style="list-style-type: none"> a. CBCS- Entrepreneurship Development b. Skill Enhancement Course- Extension Management 		
6	Sociology	<ul style="list-style-type: none"> Critical Thinking (Skill) 		<ul style="list-style-type: none"> Social Science Research and Writing Skills
7	Economics	<ul style="list-style-type: none"> Economics of Education Public Economics 		<ul style="list-style-type: none"> Statistical Data Analysis & Software

F/o Humanities & Languages

S No.	Department	CBCS papers	Skill Enhancement	Ability Enhancement
1	Islamic Studies	<ul style="list-style-type: none"> Muslim Reform Movements/Institutions in Indian subcontinent 		
2	Arabic	<ul style="list-style-type: none"> Proficiency in Arabic-3 		<ul style="list-style-type: none"> Specialized Translation
3	Persian	<ul style="list-style-type: none"> Proficiency in Persian level III 		
4	History	<ul style="list-style-type: none"> The Gandhian Thought: Political, Economic and Social 		
5	Hindi	<ul style="list-style-type: none"> Gadhy- Vidhayen 		
6	Urdu	<ul style="list-style-type: none"> Urdu Novel 		
7	English	<ul style="list-style-type: none"> Writings from the Margin 		<ul style="list-style-type: none"> Non-Fiction Prose
8	Sanskrit	<ul style="list-style-type: none"> Nationalism and Indian Literature 		<ul style="list-style-type: none">

F/o Fine Arts

S No.	Department	CBCS papers	Skill Enhancement	Ability Enhancement
1	Graphic Art			
2	Art Education			
3	Applied Art			
4	Sculpture	<ul style="list-style-type: none"> Collective Mural with Junk 		
5	Painting			

F/o Engineering & Technology

S No.	Department	CBCS paper	Skill Enhancement	Ability Enhancement
1	Civil	<ul style="list-style-type: none"> Offshore Structures (M. Tech Earth Engineering) Ecosystem and Watershed Management (M. Tech Env. Sc. & Engineering) 	<ul style="list-style-type: none"> Computational Methods and Software Application 	<ul style="list-style-type: none"> Industrial Effluent Treatment & Control
2	Electrical	<ul style="list-style-type: none"> Smart Grid Technologies/ EHVAC and DC Transmission - M.Tech. (EPSM) Multi Sensor Data Fusion/ Biomedical Electronics/ Non Linear Control System/ Advanced Power Electronics- M.Tech. (CIS) 		
3	Mechanical	<ul style="list-style-type: none"> Robotics M.Tech (Machine Design) M.Tech (Prod & Ind Engg) Landfill gas: from environment to energy M.Tech (Thermal Engg) 		
4	Applied Sciences & Humanities	<ul style="list-style-type: none"> Green (Organic) Electronics 		
5	Computer	<ul style="list-style-type: none"> Deep Learning 		
6	Electronics & Communication	<ul style="list-style-type: none"> Advanced Signal Processing 		

F/O Faculty of Education

S No.	Department	CBCS papers	Ability Enhancement	Skill Enhancement
1	<ul style="list-style-type: none"> Educational Studies 	<ul style="list-style-type: none"> Advanced Educational Psychology Skills in engaging young children 		

F/o Faculty of Law

S No.	Faculty	CBCS papers	Skill Enhancement	Ability Enhancement
1	Law	•		

F/o Architecture & Ekistics

S No.	CBCS papers	Skill Enhancement	Ability Enhancement
1	•		

Centres of JMI

S No.	Centre	CBCS papers	Skill Enhancement	Ability Enhancement
1	Centre for Jawaharlal Nehru Studies			
2	Nelson Mandela Centre for Peace and Conflict Resolution	• Arms Control and Disarmament		
3	Centre for European and Latin American Studies	<ul style="list-style-type: none"> • Communicative French 3# • Communicative Spanish 3# *Students of UG -Sem I, III & V and PG-Sem I & III can also opt for these courses. # Only for those students who have passed level-2 of the concerned language.		
4	S N Centre for Women Studies	• Gender Culture and Media		
5	AJK Mass Communication & Research Centre	<ul style="list-style-type: none"> • Introduction to the History and Art of Visual Effects in Cinema • Introduction to Media Technology • South Indian Cinema • Film Appreciation 		
6	Centre for Culture, Media & Governance	• Strategic Communication I		

7	Centre for North East Studies and Policy Research	<ul style="list-style-type: none"> • Development, Discourses and Marginalization 		
8	Centre for Early Childhood Dev. & Research	<ul style="list-style-type: none"> • Child Protection, Family Strengthening & Alternative Care 		
9	Dr. K.R. Narayanan Centre for Dalit and Minorities Studies	<ul style="list-style-type: none"> ✓ Idea of Caste 		
10	Centre for Theoretical Physics			
11	Centre for Interdisciplinary Research in Basic Sciences	<ul style="list-style-type: none"> • Protein Folding and Dynamics • Biology of Hepatitis B Virus • Medicinal Chemistry • Reproductive Toxicology • Instrumentation II • Microscopic Techniques • Surface Chemistry • Programming with Python • Enzymology 		<ul style="list-style-type: none"> •

12	Centre for Management Studies	<ul style="list-style-type: none"> • Security Analysis and Portfolio Management • Procurement & Inventory Management 	<ul style="list-style-type: none"> • Project Planning, Analysis and Management • Product and Brand Management • Compensation Management • E-Commerce • Quantitative Analysis for Financial Decisions • Product and Brand Management • Entrepreneurship Theory and Practice • Quality Management 	<ul style="list-style-type: none"> • Financial Engineering • Advertising Management • Planning and Managing Retail Business • Industrial Relations and Labour Laws • Human Resource Information Systems • Export Import Procedure and Documentation • International Financial Management • Customer Relationship Management • Planning and Managing Retail Business • Creative and Innovation for Entrepreneurial Excellence • Project Identification, Formulation, Appraisal and Implementation
13	Centre for Nano Science & Nano Technology			
14	MMAJ Academy of International Studies	<ul style="list-style-type: none"> • Elementary Chinese- I 		

15	Centre for Study of Social Exclusion and Inclusive Policy	<ul style="list-style-type: none"> • Ideas of Citizenship: Debates and Discontents 		<ul style="list-style-type: none"> •
16	Centre for West Asian Studies	<ul style="list-style-type: none"> • The Geopolitics of Energy in West Asia • Islamic Banking and Finance in West Asia 		
17	India Arab Cultural Centre	<ul style="list-style-type: none"> • Communicative Arabic -III 		