

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

**F/o Natural Sciences**

S No.	Department	CBCS Papers	Skill Enhancement	Ability Enhancement
1	Biosciences	✓ Toxicology	✓	
2	Biotechnology		✓ Developmental Biology	
3	Physics	<ul style="list-style-type: none"> <li>✓ Advanced Topics in Material Science</li> <li>✓ Characterization of Materials</li> <li>✓ Physics &amp; Technology of Semiconductor Devices</li> <li>✓ Quantum Optics</li> <li>✓ Photonics</li> <li>✓ Laser Spectroscopy</li> <li>✓ General Relativity</li> <li>✓ Particle Physics</li> <li>✓ Quantum Field Theory</li> </ul>	✓	
4	Chemistry	✓ General Chemistry		
5	Geography	✓	✓	
6	Computer Science	✓ Web Based Development using J2EE	✓	✓ Artificial Intelligence & Prolog Programming
7	Mathematics	✓ Fluid Dynamics	✓	
8	Centre for Interdisciplinary Research In Basic Sciences	✓ Programming with Python	✓	

**F/o Social Sciences**

S No.	Department	CBCS papers	Skill Enhancement	Ability Enhancement
1	Political Science	<ul style="list-style-type: none"> <li>✓ Government and Politics in Sub-Saharan Africa</li> <li>✓ Political Economy of Development India</li> </ul>	<ul style="list-style-type: none"> <li>✓ Global Political Economy</li> <li>✓ Administrative Law</li> <li>✓ Human Right &amp; Criminal Justice in India</li> </ul>	

		✓ Minority Rights		
2	Commerce	✓	✓ Customer Relationship Management	
3	Social Work	✓ Environment Concerns for Social Work Practice (Social Work) ✓ Human Resource and Organizational Development (HRM)		
4	Psychology	✓ Health Psychology ✓ Intervention in Counselling ✓ Human Resource Management ✓ Psychotherapy		
5	Adult & Continuing Education Extension	• CBCS-Non-Formal Education		
6	Sociology	✓ Social Movements ✓ Education and Society		
7	Economics	✓ Agriculture Economics	Computer Applications in Economics	

### F/o Humanities & Languages

S No.	Department	CBCS papers	Skill Enhancement	Ability Enhancement
1	Islamic Studies	✓ Muslim Intellectuals and Thinkers of Indian Sub-continent		
2	Arabic	✓ Proficiency in Arabic Level – IV	Consecutive & Simultaneous Interpretation	
3	Persian	✓ Selected Persian Texts (Classical, Indo-Persian & Modern)		
4	History	✓ Urbanization in Indian History	Monuments, Powers and Contested Histories	
5	Hindi	✓ Natak Awanm Rangmanch		
6	Urdu	✓ Urdu Short Story	✓ Urdu Palaeography	
7	English	✓		

### F/o Fine Arts

S No.	Department	CBCS papers	Skill Enhancement	Ability Enhancement
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1	Graphic Art	✓		
2	Art Education	✓		
3	Applied Art	✓ Documentation Photography		
4	Sculpture	✓		
5	Painting	✓		

### F/o Engineering & Technology

S No.	Department	CBCS paper	Skill Enhancement	Ability Enhancement
1	Civil			
2	Electrical		✓	
3	Mechanical			
4	Applied Sciences & Humanities	✓		
5	Computer	✓		
6	Electronics & Communication	✓		

### F/o Architecture & Ekistics

S No.	CBCS papers	Skill Enhancement	Ability Enhancement
1	✓		

### F/O Faculty of Education

S No.	Department	CBCS papers	Ability Enhancement	Skill Enhancement
1	Department of Educational Studies	Legal Aspects of Education	✓	✓

### F/O Faculty of Law

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

## 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	✓ Religion, Violence and Peace		
3	Centre for European and Latin American Studies	✓		
4	S N Centre for Women Studies	✓ Feminist Approach to Peace Building	✓ Women Work and Economy	
5	AJK Mass Communication & Research Centre	✓		
6	Centre for Culture, Media & Governance	✓ Strategic Communication II		
7	NE Centre for Policy Research	✓ Women in North-East Societies		
8	Centre for Early Childhood Dev. & Research	✓ Mental health and Well-being in Early Childhood Years	✓	
9	Centre for the Study of Social Exclusion and Inclusive Policy	✓		
10	Centre for Theoretical Physics	✓		
11	Centre for Interdisciplinary Research in Basic Sciences	<ul style="list-style-type: none"> <li>✓ Basic Virology</li> <li>✓ Introduction to Toxicology</li> <li>✓ Instrumentation – I</li> <li>✓ Fundamentals of Spectroscopy</li> </ul>	✓	
12	Centre for Management Studies			

13	Centre for Nano Science & Nano Technology	•	•
14	Centre for West Asian Studies	•	•
15	India-Arab Cultural Centre	•	•