

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

**F/o Natural Sciences**

S No.	Department	CBCS Papers	Skill Enhancement	Ability Enhancement
1	Biosciences	● Bioinformatics & Biostatics		
2	Biotechnology	● Genetics		
3	Physics	● PHM-11 E Electronics		
4	Chemistry	● Group Theory and Spectroscopy-I		
5	Geography	● Disaster Management		
6	Computer Science	● e-Business System	●	
7	Mathematics	● Computer Organization and Architecture ● Discrete Mathematical Structures		
8	Centre for Interdisciplinary Research in Basic Sciences	● Methods in Biotechnology		

**F/o Social Sciences**

S No.	Department	CBCS papers	Skill Enhancement	Ability Enhancement
1	Political Science	● Foreign Policies of Major Powers ● Government and Politics in Government Sub-Saharan Africa ● Violence, State and Human Rights ● Ethics in Governance		
2	Commerce	● Organizational Behaviour		
3	Social Work	● Human Resource and Talent Management -I		
4	Psychology	● General Psychology		
5	Adult & Continuing Education Extension	● Health and Nutrition Sem		
6	Sociology	● Sociology of Tribes & Indigenous People ●		

7	Economics	<ul style="list-style-type: none"> <li>• Rural Economics</li> <li>• Population and Demographic Analysis</li> </ul>		
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## F/o Humanities & Languages

S No.	Department	CBCS papers	Skill Enhancement	Ability Enhancement
1	Islamic Studies	<ul style="list-style-type: none"> <li>• History of Muslim Civilization from the advent of Islam till the pios caliphate</li> </ul>		
2	Arabic	<ul style="list-style-type: none"> <li>• Proficiency in Arabic Level-I</li> </ul>		
3	Persian	<ul style="list-style-type: none"> <li>• Proficiency in Persian Level-I</li> </ul>		
4	History	<ul style="list-style-type: none"> <li>• Role of Sufis and Sufi Shrines in Indian History</li> </ul>		
5	Hindi	<ul style="list-style-type: none"> <li>• Samkaleen Katha Sahitya</li> </ul>		
6	Urdu	<ul style="list-style-type: none"> <li>• Modern Urdu Poetry</li> </ul>		
7	English	<ul style="list-style-type: none"> <li>• Introduction to Popular Fiction</li> </ul>		
8	Sanskrit	<ul style="list-style-type: none"> <li>• Culture and Literature</li> </ul>		

## F/o Fine Arts

S No.	Department	CBCS papers	Skill Enhancement	Ability Enhancement
1	Graphic Art	<ul style="list-style-type: none"> <li>• Relief Print:- Woodcut /Linocut &amp;Colography</li> </ul>		
2	Art Education	<ul style="list-style-type: none"> <li>• Wood Work (Wood Craft)</li> </ul>		
3	Applied Art	<ul style="list-style-type: none"> <li>• Basic Photography(Digital Mode)</li> </ul>	<ul style="list-style-type: none"> <li>• Communication Ability: Presentation and Public Communication</li> </ul>	<ul style="list-style-type: none"> <li>• Documentation: Photography/Design/Illustration etc. Stop Motion Animation: Drawing and Paining/Waste material/Human Pixilation/Clay/Cutout etc.</li> </ul>
4	Sculpture	<ul style="list-style-type: none"> <li>• Relief Sculpture</li> <li>• P.O.P carving</li> </ul>		
5	Painting	<ul style="list-style-type: none"> <li>• Creative Drawing &amp; Painting</li> </ul>		

## F/o Engineering & Technology

S No.	Department	CBCS paper	Skill Enhancement	Ability Enhancement
1	Civil	<ul style="list-style-type: none"> <li>Advanced Mathematics</li> <li>Environmental Chemistry &amp; Microbiology</li> </ul>		<ul style="list-style-type: none"> <li>Finite Element Methods</li> </ul>
2	Electrical	<ul style="list-style-type: none"> <li>Intelligent Techniques</li> <li>M.Tech (EPSM) &amp; M.Tech (CIS)</li> </ul>		
3	Mechanical	<ul style="list-style-type: none"> <li>Advanced Mathematics</li> <li>M.Tech (Machine Design)</li> <li>M.Tech (Thermal Engg)</li> <li>M.Tech (Prod &amp; Ind Engg)</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>	
4	Applied Sciences & Humanities	<ul style="list-style-type: none"> <li>Advanced Mathematic</li> <li>Environmental Chemistry &amp; Microbiology</li> </ul>		
5	Computer	<ul style="list-style-type: none"> <li>Data Analytics</li> </ul>		
6	Electronics & Communication	<ul style="list-style-type: none"> <li>Fundamentals of Nanoscience and Nanotechnology</li> <li>Semester Low Power VLSI Design</li> </ul>		

## F/o Architecture & Ekistics

S No.	Department	CBCS papers	Skill Enhancement	Ability Enhancement
1	M. Arch(Pedagogy, Building Services & Recreation Arc, Healthcare Arc) M Arch (UrbanRegeneration)  M Ekistics			

## F/O Faculty of Education

S No.	Department	CBCS papers	Ability Enhancement	Skill Enhancement
1	Educational Studies	<ul style="list-style-type: none"> <li>Sociology of Education</li> </ul>		
2	M.A. Education M Ed (Spl Education)	<ul style="list-style-type: none"> <li>Educational Management+ Educational technology</li> <li>Development in Education &amp; Special education</li> <li>Psychology of Development &amp; Learning</li> </ul>		

## 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	<ul style="list-style-type: none"> <li>Conflict Analysis</li> </ul>	<ul style="list-style-type: none"> <li>Skills for Conflict Transformation</li> </ul>	
3	Centre for European and Latin American Studies			
4	S N Centre for Women Studies	<ul style="list-style-type: none"> <li>Gendering History in India</li> </ul>		
5	AJK Mass Communication &	<ul style="list-style-type: none"> <li>Introduction to the History and Art of Visual Effects in Cinema</li> </ul>		

	Research Centre	<ul style="list-style-type: none"> <li>● Introduction to Media Technology</li> <li>● South Indian Cinema</li> <li>● Film Appreciation</li> </ul>		
6	Centre for Culture, Media & Governance	<ul style="list-style-type: none"> <li>● Culture, Media and Society</li> </ul>		
7	NE Centre for Policy Research	<ul style="list-style-type: none"> <li>● Introduction to the Society and Politics of North East India</li> </ul>		
8	Centre for Early Childhood Dev. & Research	<ul style="list-style-type: none"> <li>● Understanding the Child</li> </ul>		
9	Dr.KR Narayanan Centre for Dalit and Minority Studies	<ul style="list-style-type: none"> <li>● Prejudice, Discrimination and Marginality: Critical Issues</li> </ul>		
10	Centre for Theoretical Physics	<ul style="list-style-type: none"> <li>● Mathematical Physics I</li> <li>● General Relativity I</li> <li>● Field Theory</li> <li>● Quantum Mechanics</li> </ul>		
11	Centre for Interdisciplinary Research in Basic Sciences	<ul style="list-style-type: none"> <li>● Graph Theory and its Applications</li> </ul>		
12	Centre for Management Studies			
13	Centre for Nano Science & Nano Technology			
14	MMAJ Academy of International Studies	<ul style="list-style-type: none"> <li>● State and Society in China, 1911-1989</li> </ul>		
15	Centre for Study of Social Exclusion and Inclusive Policy	<ul style="list-style-type: none"> <li>● Idea of Caste</li> </ul>		
16	Centre for West Asian Studies	<ul style="list-style-type: none"> <li>● Contemporary Arab Political Thought</li> <li>● Global approach of Islam</li> </ul>		
17	India Arab Cultural Centre	<ul style="list-style-type: none"> <li>● Communicative Arabic -I</li> </ul>		

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