

**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 | <input type="checkbox"/> | |
| 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 <input type="checkbox"/> | | |

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|---|-----------|--|--|--|
| 7 | Economics | <ul style="list-style-type: none"> ● Rural Economics ● Population and Demographic Analysis | | |
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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"> ● History of Muslim Civilization from the advent of Islam till the pios caliphate | | |
| 2 | Arabic | <ul style="list-style-type: none"> ● Proficiency in Arabic Level-1 | | |
| 3 | Persian | <ul style="list-style-type: none"> ● Proficiency in Persian Level-I | | |
| 4 | History | <ul style="list-style-type: none"> ● Role of Sufis and Sufi Shrines in Indian History | | |
| 5 | Hindi | <ul style="list-style-type: none"> ● Samkaleen Katha Sahitya | | |
| 6 | Urdu | <ul style="list-style-type: none"> ● Modern Urdu Poetry | | |
| 7 | English | <ul style="list-style-type: none"> ● Introduction to Popular Fiction | | |
| 8 | Sanskrit | <ul style="list-style-type: none"> ● Culture and Literature | | |

F/o Fine Arts

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

F/o Engineering & Technology

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

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 (Urban Regeneration) 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"> ● Sociology of Education ● Understanding the Child | | |
| 2 | M.A. Education M Ed (Spl Education) | <ul style="list-style-type: none"> ● Educational Management+ Educational technology ● Development in Education & Special education ● Psychology of Development & Learning | | |

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

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

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|----|--|---|--|--|
| 18 | Centre For Innovation And Entrepreneurship | <ul style="list-style-type: none">• Management Concepts, Entrepreneurship, and Innovation (Odd Semester) 4 Credits• Principles of Design Thinking (Odd Semester) 4 Credits | | |
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