



माखनलाल चतुर्वेदी राष्ट्रीय पत्रकारिता एवं संचार विश्वविद्यालय  
(मध्यप्रदेश विधानसभा के अधिनियम क्रमांक 15, 1990 द्वारा स्थापित)  
MAKHANLAL CHATURVEDI NATIONAL UNIVERSITY OF JOURNALISM & COMMUNICATION  
(Setup by Act No. 15, 1990 of M.P. Legislative Assembly)

क्रमांक : सं.अ.सं./18/025

दिनांक : 11/07/2018

### आवश्यक सूचना

**बी.कॉम (कम्प्यूटर अनुप्रयोग) पाठ्यक्रम की संबद्धता प्रदान करने बाबत**

मध्यप्रदेश में स्थित विश्वविद्यालय से संबधित जिन संबध अध्ययन संस्थाओं द्वारा स्नातक अथवा स्नातकोत्तर या दोनो पाठ्यक्रम संचालित किये जा रहे है एवं नो एडमिशन कैटेगरी में नहीं है, उन संस्थाओं से बी.कॉम (कम्प्यूटर अनुप्रयोग) पाठ्यक्रम हेतु ऑनलॉईन आवेदन आमंत्रित किये जा रहे है जिसकी अंतिम तिथि दिनांक 20 जुलाई 2018 है। संस्था <https://mcrpv.mponline.gov.in/portal/> पर लॉगिंग कर ऑनलॉईन आवेदन कर सकते है।

**बी.कॉम (कम्प्यूटर अनुप्रयोग) पाठ्यक्रम हेतु आवश्यक अधोसंरचना संलग्न है।**

(दीपक शर्मा)  
प्रोक्टर एवं निदेशक (ए.एस.आई.)

## FOR BCA, B.Com(CA), PGDCA, DCA

### SEATS PERMITTED:

In the first allotment maximum 50 seats will be allotted in each course. Thereafter more seats can be allotted as per the norms provided in point No. 11.5 "Increase in the number of seats".

### MINIMUM SPACE REQUIREMENT:

- ☐ Minimum 3000 sq. ft. carpet area is required with following specifications
- ☐ 4 class rooms of minimum 400 sq. ft. each  
(Preferably 5 class rooms) = 1600 sq.ft.
- ☐ Library room of minimum 200 sq. ft. = 200 sq. ft.
- ☐ Faculty Rooms of minimum 200 sq. ft. = 200 sq. ft.
- ☐ Computer Lab of minimum 450 sq. ft. = 450 sq. ft.
- ☐ Director's room of minimum 100 sq. ft. = 100 sq.ft.
- ☐ Front office of minimum 150 sq.ft. = 150 sq.ft.
- ☐ Girls Common Room 100 sq. ft. = 100 sq. ft.
- ☐ Circulation and others areas including = 200 sq. ft.
- ☐ Toilets, Corridor, Staircases and Common Area etc

### COMPUTERS AND PERIPHERALS:

Computers of the following minimum configuration are required:

- ☐ Core i5 system (6<sup>th</sup> Generation) with 4GB RAM, 500 GB HDD, with graphics card & all other accessories
  - All systems must be connected with LAN and having Internet connectivity
- ☐ Minimum 2 printers
- ☐ Optional: 1 UPS of 1KVA and 1 Hour Battery Backup, 1 OHP/LCD Projector
- ☐ Minimum 18 Computers (including 1 server) are required in the first year.
- ☐ Minimum 20 Computers are required in the second year.
- ☐ Minimum 25 Computers are required in the third year.

### SOFTWARE:

Institute must have all the necessary software required for the courses permitted as specified in the table.

### FACULTY:

There should be minimum two full time faculty in the first year, three full time faculty in the second year and four full time faculty in the third year for computer subjects. For B.Com(CA) One additional full time faculty with Commerce subjects in first year and 2 and 3 additional full time faculty in second year and third year. *respectfully*

*CP Singh*

*M. Maheshwari*

*Manu Nar*

*Asaf*

## **MSc (CS), B.Com(CA), BCA, PGDCA AND DCA**

### **SEATS PERMITTED:**

In the first allotment maximum 50 seats will be allotted in BCA, B.Com(CA), PGDCA, DCA course(s) each and maximum 30 seats in MSc(CS) course. Thereafter more seats can be allotted as per the norms provided in point No. 11.5 "Increase in the number of seats".

### **MINIMUM SPACE REQUIREMENT:**

Minimum 5000 sq. ft. carpet area is required with following specifications:

- ☐ Minimum 5 class rooms of atleast 400 sq. ft. each  
(Preferably 6 rooms) = 2000 sq. ft.
- ☐ Minimum 2 Tutorial rooms of atleast 300 sq. ft. each = 600 sq. ft.
- ☐ Library room of minimum 300 sq. ft. = 300 sq. ft.
- ☐ Library Reading room of minimum 200 sq.ft. = 200 Sq. ft.
- ☐ Faculty Rooms of minimum 200 sq. ft. = 200 sq. ft.
- ☐ Computer Lab of minimum 700 sq. ft. = 700 sq. ft.
- ☐ Server room 100 sq.ft. = 100 sq. ft.
- ☐ Director's room of minimum 100 sq. ft. = 100 sq. ft.
- ☐ Reception/office of minimum 150 sq. ft. = 150 sq. ft.
- ☐ Girls Common Room 100 sq.ft. = 100 sq. ft.
- ☐ Boys Common Room 100 sq.ft. = 100 sq. ft.
- ☐ Circulation and others areas includes Toilets, = 450 sq. ft.
- ☐ Corridor, Staircases and Common Area etc atleast 450 sq. ft.

### **COMPUTERS AND PERIPHERALS:**

Computers of the following minimum configuration are required:

- ☐ Core i5 system (6<sup>th</sup> Generation) with 4GB RAM, 500 GB HDD, with graphics card & all other accessories
  - All systems must be connected with LAN and having Internet connectivity
- ☐ Minimum 2 printers
- ☐ Optional: 1 UPS of 1KVA and 1 Hour Battery Backup, 1 OHP/LCD Projector
- ☐ Minimum 25 Computers (including 1 server) are required in the first year.
- ☐ Minimum 30 Computers are required in the second year.
- ☐ Minimum 35 Computers are required in the third year. (If bachelor courses are also offered by the institute)

### **SOFTWARE:**

Institute must have all the necessary software required for the courses permitted as specified in the table.

*Asif*

*CPA gawol*

*mmaheshwari*

*Mam Naw*



## ***FACULTY:***

The institute should have minimum six full time faculty members for running MSc(CS) course along with Bachelor course(s) and diploma course(s). However, if it is not running bachelor level course(s) it should have three full time faculty and two part time faculty members. For B.Com(CA) One additional full time faculty with Commerce subjects in first year and 2 and 3 additional full time faculty in second year and third year.

The prescribed qualifications for the faculty for MSc course is as follows: MCA/MIT / MTech / ME / BE (Computer Science) or (IT)/ MSc(CS/IT) with minimum 55% marks or as laid down by AICTE for MCA.

The prescribed qualifications for BCA are MTech/ME/MCA/MCM/ MSc(CS/IT) / MS / BE in Computer Science or Information Technology or equivalent degree with at least 55% marks or equivalent grade of it in the seven point scale with later grades 'O','A','B','C','D','E','F' at masters degree level for the relevant subject.

For B.Com(CA) Commerce Subjects the Minimum Qualification is M.Com. with Minimum 55% marks from a recognised University.

For other subject (like Hindi/English/Social etc.) part time faculty may be appointed separately.

## ***LIBRARY:***

The library should have minimum

- ☐ 300 books (First Year) out of which at least 75 books of commerce subject [if the institute offers B.Com(CA) Course].
- ☐ 100 additional new books/titles (Second Year) out of which at least 25 books of commerce subject [if the institute offers B.Com(CA) Course].
- ☐ 100 additional new books/titles (Third Year) out of which at least 50 books of commerce subject [if the institute offers B.Com(CA) Course].

Regular subscription of 3 computer and 1 Business/commerce related magazines is also required

*Dr. Jyoti* *CPA G. S. S. S. S.* *M. Maheshwari* *M. N. N. N.*

## MSC (BOTH), BCA, B.Com(CA), PGDCA AND DCA

### SEATS PERMITTED:

In the first allotment maximum 50 seats will be allotted in BCA, B.Com(CA), PGDCA, DCA course(s) each and maximum 30 seats in MSc(CS) and MSc(IT) courses each. Thereafter more seats can be allotted as per as per the norms provided in point No. 11.5 "Increase in the number of seats".

### MINIMUM SPACE REQUIREMENT:

Minimum 5550 sq. ft. carpet area is required with following specifications

<input type="checkbox"/> 6 class rooms of minimum 400 sq. ft. each	=	2400 sq. ft.
<input type="checkbox"/> 2 Tutorial rooms of minimum 300 sq. ft. each	=	600 sq. ft.
<input type="checkbox"/> Library room of minimum 300 sq. ft.	=	300 sq. ft.
<input type="checkbox"/> Library Reading room 200 sq.ft.	=	200 Sq. ft.
<input type="checkbox"/> Faculty Rooms of minimum 200 sq. ft.	=	200 sq. ft.
<input type="checkbox"/> Computer Lab of minimum 800 sq. ft.	=	800 sq. ft.
<input type="checkbox"/> Server room 100 sq.ft.	=	100 sq.ft.
<input type="checkbox"/> Director's room of minimum 100 sq. ft.	=	100 sq.ft.
<input type="checkbox"/> Reception/office of minimum 150 sq. ft.	=	150 sq. ft.
<input type="checkbox"/> Girls common Room 100 sq.ft.	=	100 sq. ft.
<input type="checkbox"/> Boys common room 100 sq.ft.	=	100 sq. ft.
<input type="checkbox"/> Circulation and others areas including Toilets, Corridor, Staircases and Common Area etc atleast 450 sq.ft.	=	450 sq. ft

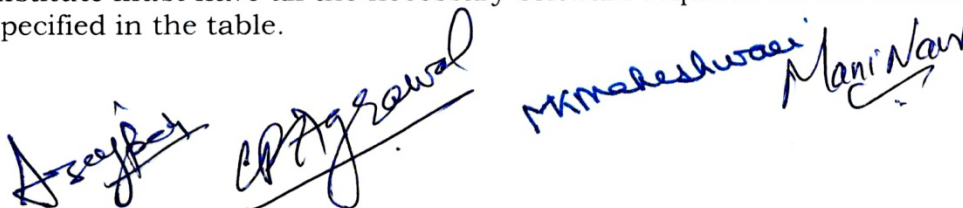
### COMPUTERS AND PERIPHERALS:

Computers of the following minimum configuration are required:

- ☐ Core i5 system (6<sup>th</sup> Generation) with 4GB RAM, 500 GB HDD, with graphics card & all other accessories
  - All systems must be connected with LAN and having Internet connectivity
- ☐ Minimum 2 printers
- ☐ Optional: 1 UPS of 1KVA and 1 Hour Battery Backup, 1 OHP/LCD Projector
- ☐ Minimum 30 Computers (including 1 server) are required in the first year.
- ☐ Minimum 35 Computers are required in the second year.
- ☐ Minimum 40 Computers are required in the third year (If bachelor courses are also offered by the institute)

### SOFTWARE:

Institute must have all the necessary software required for the courses permitted as specified in the table.



## ***FACULTY:***

The institute should have minimum seven full time faculty members for running MSc(IT) or MSc(CS) courses along with BCA and Diploma course(s). However, if it is not running bachelor level course(s) it should have three full time faculty and two part time faculty members. For B.Com(CA) One additional full time faculty with Commerce subjects in first year and 2 and 3 additional full time faculty in second year and third year.

The prescribed qualifications for the faculty for MSc course(s) are as follows: M.Sc.(CS)/M.Sc.(IT)/ MCA/MIT/MTech/ME/ BE (Computer Science) or (IT) with minimum 55% marks or as laid down by AICTE for MCA.

The prescribed qualifications for BCA are M.Tech./ME/MCA/MCM/ MSc(CS/IT)/ MS/ BE in Computer Science or Information Technology or equivalent degree with atleast 55% marks or equivalent grade of it in the seven point scale with later grades 'O','A', 'B', 'C', 'D', 'E', 'F' at masters degree level for the relevant subject.

For B.Com(CA) Commerce Subjects the Minimum Qualification is M.Com. with Minimum 55% marks from a recognised University.

For other subject (like Hindi/English/Social etc.) part time faculty may be appointed separately.

## ***LIBRARY:***

The library should have minimum

- ☐ 300 books (First Year) out of which at least 75 books of commerce subject [if the institute offers B.Com(CA) Course].
- ☐ 100 additional new books/titles (Second Year) out of which at least 25 books of commerce subject [if the institute offers B.Com(CA) Course].
- ☐ 100 additional new books/titles (Third Year) out of which at least 50 books of commerce subject [if the institute offers B.Com(CA) Course].

Regular subscription of 5 computer and 1 Business/commerce related magazines is also required.

*Asyfa* *PTA* *M. Maheshwari* *Mani Naw*



Course Name	Software Required for the Course
DCA	◆ DOS 6.20 ◆ Windows 8.1 or above ◆ Linux ◆ MS Office 2013 ◆ FoxPro 2.6 (DOS/Windows) ◆ MS Access 2013 ◆ Browsers (Internet Explorer/ Mozilla Firefox/ Google Chrome) ◆ HTML Editors (Expression Web/ FrontPage/ Dreamweaver) ◆ Corel Draw 12 ◆ PageMaker 7 ◆ Photoshop 7
PGDCA	◆ DOS 6.20 ◆ Windows 8.1 or above ◆ Linux ◆ MS Office 2013 ◆ FoxPro 2.6 (DOS/Windows) ◆ MS Access 2013 ◆ Visual Studio Community Edition 2015 ◆ VB.Net 2005 ◆ Browsers (Internet Explorer/ Mozilla Firefox/ Google Chrome) ◆ HTML Editors (Expression Web/FrontPage/Dreamweaver) ◆ Turbo C++ 3.0/GCC Compiler ◆ Tally 9.0 ◆ MySQL ◆ Adobe Premier ◆ Sound Forge
BCA	◆ Programming with C – C Compiler - <b>Turbo C++, GCC Compiler, CodeBlock IDE</b> ◆ Office Automation & PC Packages – <b>OpenOffice 4.3 or better, LibreOffice 5</b> ◆ Database Management Systems – <b>MS Access 2007 or better / SQL Server 2017 Express Edition</b> ◆ Advanced C Programming - <b>Turbo C++, GCC Compiler, CodeBlock IDE</b> ◆ Java Programming – <b>Java Compiler &amp; IDE like netbeans/CodeBlock/Editplus etc</b> ◆ E-Commerce & E-Governance – <b>HTML Editors like FrontPage/Expression Web / Amaya or any Free WYSIYG HTML Editor</b> ◆ Web Designing (HTML, CSS, JavaScript) - <b>HTML Editors like Expression Web Ver 4.0 / Amaya / CoffeeCup / BlueGriffon / OpenWYSIWYG or any Free WYSIYG HTML Editor</b> ◆ Dot Net Programming - <b>Visual Studio 8 or above</b> ◆ Web Development with PHP – <b>PHP Compiler and Editor (Ver 2.0 or better)</b> ◆ Windows Server Administration - <b>Windows 2003 Server or Better</b> ◆ Linux Server Administration – <b>Linux OS like Fedora (10 Or better) /Debian (Ver 7 or better) etc.</b> ◆ Oracle – <b>Oracle 9i or better</b> ◆ RDBMS using MySQL – <b>MySQL 5.0 or better</b> ◆ Python Programming – <b>Python Compiler (Ver 3.5 or Better)</b> ◆ VBA Programming – <b>MS Office 2007 or better</b>
M.Sc. (CS)	◆ DOS 6.20 ◆ Windows XP ◆ Linux, MS Office 2003 ◆ Turbo C++ 3.5/GCC ◆ MSAM, Visual Studio 2005 ◆ VB.Net 2005 ◆ Oracle 9i ◆ ASP.Net ◆ Java 2 ◆ Linux Server ◆ Browsers (IE/Firefox/Chrome) ◆ HTML Editors (Expression Web/FrontPage/Dreamweaver) ◆ Apache Server ◆ MySQL
M.Sc(IT)	◆ MSAM ◆ Turbo C++ 3.5/GCC ◆ Visual Studio 2005 ◆ VB.Net 2005 ◆ MS Access 2003 ◆ Oracle 9i ◆ Java 2 ◆ Browsers (IE/Firefox/Chrome) ◆ HTML Editors (Expression Web/FrontPage/Dreamweaver) ◆ Apache Server ◆ MySQL ◆ ASP.Net ◆ Linux Server ◆ PHP 5
B.Com (Computer Applications)	◆ MS Windows 8.1 or Above ◆ MS Office 2013 or above ◆ Database Management Systems – MS Access 2013 ◆ Browsers Like Internet Explorer/ Mozilla Firefox/ Google Chrome ◆ HTML Editors like Expression Web Ver 4.0 / Amaya / CoffeeCup / BlueGriffon / OpenWYSIWYG or any Free WYSIYG HTML Editor / DREAMWEAVER ◆ FTP Software like WS FTP/ CuteFTP /Filezilla ◆ Visual Studio 8 or above with VB.Net Compiler ◆ Tally ERP 9 or Above ◆ PHP Programming language ◆ Apache Tomcat Server

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