



J. D. Women's College, Patna

(CONSTITUENT UNIT OF MAGADH UNIVERSITY)

NAAC ACCREDITED GRADE "B"

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PROFESSIONAL COURSE INFORMATION BULLETIN



Message from the Director Professional Course



Dear Students,

I am delighted to welcome all the prospective students of our professional courses to the J.D. Women's College, a NAAC accredited institution of repute. Being the first women's college in Bihar to start MBA & MCA courses in 2002, we are a pioneer of professional education in the state - specially for girl students.

Phenomenal growth of the College in general and its Department of Management Studies and Computer Science in particular during last decades, is a testimony to our constant commitment to excellence in higher education.

We provide ultra-modern setting for training with air-conditioned smart class rooms, high-tech computer labs, rich library, Wi-Fi facility etc. High class conceptual input along with frequent practical exposure is also provided to the students of MBA & MCA courses. Our constant endeavour is to enable them by all means, so that all of them are able to succeed in the professional world of tomorrow.

Hope, your introduction and interaction with us will be pleasant and fruitful. Wish you the best of future!

Prof. (Dr.) Meera Kumari
Principal-cum-Director
Department of Management study
and Computer Science
J. D. Women's college, Patna

Message from Head Department of Management Study



Greetings students,

Higher education is witnessing phenomenal changes today, both in terms of variety in the courses offered as well as in learning methodologies, fostering global competencies and inculcating positive values in students.

India is transforming and the business world is becoming increasingly dynamic and demanding. There are niche opportunities for employment and start-ups across all sectors.

In such a scenario, a professional degree would enable you to specialize and empower yourself to become corporate citizens - contributing to personal growth and national development.

Keeping pace with the dynamic environment, the department has introduced smart classes, free Wi-Fi facility, communicative English and soft skill training for the students to improve their learning outcomes. The department is also collaborating with expert professionals, successful entrepreneurs, RBI and business associations to enhance the industry exposure and practical knowledge of the students.

Let us remember that each one of us is endowed with a lot of potential talent waiting to be discovered and developed. A professional degree of MBA or MCA, both of which are in optimum demand, can open the doors for entry level recruitment into the corporate sector. The college provides campus placement opportunities for the same. You may also choose to become a start-up incubatee with our collaborating organizations.

So come, join us in an enabling learning environment, to book your place of pride in the corporate world.

Nandini Mehta

HoD

Department of Management Study

J. D. Women's College, Patna

Message from the Head Department of Computer Science



Dear Students,

You are welcome to the Department of Management Studies and Computer Science of J D Women's College - a NAAC accredited leading college of Bihar. We are the First women's college in the state to start Post-Graduate courses in Management and Computer Science.

We run our professional courses quite professionally. Modern tools and techniques of training are used by expert trainers to train the students at highest possible level. That is why, many of our products are doing high currency jobs in the country and abroad. Computer Science is a fast evolving set of knowledge and skill. Our training program, therefore, equally focuses on quality class room teaching and lab training. A rich library, with thousands of physical and electronic books and journals, is a precious aid to students' further learning. Wi-Fi facility gives them global vision.

Hope your interface with this college proves purposeful.
Wish you all the best!

Ganauri Prasad
HoD
Department of Computer Science
J. D. Women's College, Patna

Message from Faculty Members of Professional Course



Dear Students,

Information Technology is a broad subject concerned with all aspects of managing and processing information, especially within a large organization or a company. For an organization to improve its business processes using technology, an IT department is mandatory for the management and the support of

the infrastructure. An IT department also helps a business lower its costs, improve productivity and efficiency by:

- Minimizing over 85% of downtime
- Technology Planning
- Providing a single point of contact for technology issues

Information Technology is a critical part of the business process that requires technical competence beyond the scope of the current management giving rise to new concepts of outsourcing of business.

The burgeoning growth in business and industry caused by growth of internet has made information technology an essential ingredient of success for enterprises in every area of business and industry. With this aim in mind our course provides a solid foundation in principles and practices of information technology, thereby meeting ever changing technological and industrial needs of today. We also focus on enhancing students critical, analytical and problem-solving abilities to design and develop the system and application needed in the fields of information and communication technology.

Our curriculum also aims to bridge the gap between the industry and the academics. The programme emphasizes on sound theoretical knowledge as well as extensive practical training in order to keep students as well as faculties abreast with state-of-art technology. Seminars, workshops, corporate interactions are organized regularly to enhance and supplement the knowledge base of the students.

Anant Kumar

Faculty

Department of Computer Science

J. D. Women's College, Patna

1. Role of J. D. women's College in Imparting Women's Education

1.1 A Brief history of J. D. Women's College

J. D. Women's College is a Constituent unit of Magadh University, Bodh Gaya. It was established in the year 1971 to foster the cause of education for women in the state of Bihar. The college possesses a campus of 2.41 acres with strength of 5,000 students and 125 core faculty members along with 25 visiting/guest faculty members.

This institution is a multi-faculty college, imparting teaching up to Degree Honours stage in Science and Post-Graduation stage in Arts. Under vocational education programme of the Govt. of India, the College introduced the teaching of vocational courses at Degree Honours stage in the year 1997 and Post-Graduate Professional stage (MBA & MCA) in the year 2002. Adoption of community college concept is another milestone in the history of college.

As an institution of learning it has a commanding presence both in the University as well as in the capital of the state. The college, while maintaining its exemplary record in University examinations, has also emerged as a serious contender in inter University competitions winning large number of prizes.

1.2 Vision & Objective of the College:

Our primary objective is to empower women with educational tool to become self-reliant. At the same time, we strive to provide the students an opportunity for self-expression, innovation and wide exposure, which facilitate their all-round development. While fostering a stimulating academic environment, the college attempts at instilling positive values and attitudes to promote strife-free society.

1.3 Professional Courses:

College offers under-noted professional courses at Post-Graduate level:

- | | | | |
|------|---|---------|-----------|
| (I) | Master of Business Administration (MBA) Programme | 2-Years | Full Time |
| (II) | Master of Computer Application (MCA) Programme | 3-Years | Full Time |

1.4 Methods of Instructions:

Besides traditional classroom lectures; the professional department imparts teaching through Smart Classes using audio-visual aids, Case Studies, Project Training etc. Regular Group Discussion, Seminar and Workshops are also regularly organized to develop

managerial and other technical skills among students. Special lectures by expert professionals / corporate executives are integral part of our curriculum.

1.5 Infrastructure:

(a) Director's Chamber -

A well-furnished Director's Chamber with visitors lobby is present on 1st Floor of the Technical Building for close supervision of the courses.

(b) HOD Chamber –

A well-furnished HOD Chamber with visitors lobby is present on 2nd Floor of the Technical Building for smooth conduct of the courses.

(c) Faculty Chamber –

A well-furnished independent Faculty's Chamber with visitors lobby is present on 2nd Floor of the Technical Building for efficient conduct of the courses.



(d) Conference Room –

A well-furnished Conference Room is also available for departmental purpose.



(e) Class Room –

Eight well-furnished air-conditioned smart classes have been exclusively provided to the Department of Management studies & Computer Science in the Technical Building of the college.



(f) Computer Lab –

Two fully furnished air-conditioned Computer Labs are available for both the courses. All the work stations are inter-connected on LAN. Wide range of Pentium Computers, Printers (Laser Jet, Inkjet & Dot Matrix), LCD Projector & Scanners are provided for the benefit of the students. A dedicated Optical Fibre Broad Band of 50 mbps connection has been provided to the Computer Labs for fast internet access. Professional Course students have free access to Internet in the campus.



(g) Common Room –

A well-furnished Common Room, having water purifier and water cooler, is provided for the professional course students on 2nd Floor of the Technical Building.

(h) Library –

Professional Course Library is situated on the 1st floor of Library Block of the Main Building of college. Well furnished reading room is also available in the Library. The Library is well equipped with Text books, Reference books & Journals of Indian as well as Foreign publications relevant to the course curriculum. Top

ranking national newspapers like Financial Express, Economic Times and Times of India are provided in the reading section of the Professional Course Library. E-Journal and e-Book access is also provided to all the students. "Xerox" facility at subsidised rate is available in the Library.



1.6 Special Features:

(a) **Institution-Industry Interaction Cell (III-C)-**

The college has constituted an Institute-Industry Interface Cell, where students form a forum to voice their opinions and interact with the decision makers from the corporate world. The cell is also responsible for organising special lectures of IT and Management experts.

(b) **The Placement Cell (P-C) –**

The Faculty of Management and Computer Sciences has a well organized permanent placement cell consisting of different faculties and corporate representatives. One student representative securing highest marks in the 3rd semester of MBA & 5th semester of MCA is nominated to this committee by the Director.

The main objective of P-C is to provide assistance and guidance to Professional Course students in getting on-the-job training/Project Training and placement in the corporate world.

(c) For the benefit of the students, Technical Block of the college provides free and fast Wi-Fi facility.

1.7 Management Committees:

(a) Grievance Redressal Committee –

Enrolled MBA & MCA students can present their grievances for redressal in this committee. The committee members are:

- I. Dr. Lakshmi Sinha - Professor, J. D. Women's College.
- II. Dr. Ashok Kumar Yadav - Associate Professor, J. D. Women's College.
- III. Dr. Hemant Kumar Sinha - Associate Professor, J. D. Women's College.
- IV. Dr. Bijoy Narayan - Associate Professor, J. D. Women's College.
- V. Dr. Nandini Mehta - Asst. Professor, J. D. Women's College.

(b) Anti-Ragging Committee –

The aim of this committee is to prevent ragging of the new students and other untoward incidences in the campus. The committee members are:

- I. Dr. Lakshmi Sinha – Professor Department of English, J. D. Women's College.
- II. Dr. Ashok Kumar Yadav – Associate Professor, J. D. Women's College.

(c) Anti-Ragging Squad – This has been constituted for maintaining cordial environment and preventing ragging activities in the department The members are:

- I. Mr Kundan Kumar Gautam – Faculty, Department of Management Studies
- II. Shakti Pandey – Faculty, Department of Computer Science.

(d) Career Counsellor –

The students of MBA and MCA courses can take proper guidance from the under-noted counsellor in their current and future career planning.

Dr Geeti Sinha – Associate Professor, Department of Psychology, J. D. Women's College.

Information Regarding Admission, Registration and Examination

2.1 Admission Procedure:

The MBA & MCA Information Bulletin (Prospectus) 2017 covers admissions to the 2-year (4-semester) full-time MBA (Master of Business Administration) and 3-year (6-semester) full-time MCA (Master of Computer Application) Courses offered at the J. D. Women's College, Patna. The new session of both the courses will commence in July, 2017.

Notification for admission is published in the leading newspapers as well as on the college website: www.jdwcpatna.com.

How to Apply: (Please see Instructions also for details)

1. To apply for the MBA & MCA Courses in 2017 session, eligible candidates must fill in and submit the online application form available on College website by clicking the link [["Click here to Apply Online"](#) (under the Student Zone)]. That is the only way of applying for admission in the said courses.
2. The printout of the completed Application Form along with required enclosures (see the List of Enclosures) and a **crossed Demand Draft** of Rs.1000/- (non-refundable) in favour of **"Principal, J. D. Women's College, Patna"** payable at **Patna** or in the form of **Bank Challan** of **"SBI, J. D. Women's College Branch, Patna"**, should be sent to the **Principal, Department of Management Studies and Computer Science (MBA & MCA), Room No.- T-201, 2nd Floor, Technical Building, J. D. Women's College, Bailey Road, Patna – 800023** in 9.0" x 12.8" (A4 flat) size envelope by Speed Post/Courier Service or through individual messenger on or before the due date.
3. "Application for MBA 2016 / MCA 2016" should be written on top of the envelope.
4. Applications reaching us after the due date are liable to be rejected.

Note: Candidates should proceed to fill the Online Application Form only if they fulfil the eligibility criteria mentioned below.

Form / Application Numbers:

The Form/Application number mentioned on each online application form should be cited in future correspondence, if required.

Admit Card:

On the basis of Application numbers, Admit Cards can be generated online and the candidates are required to produce the same at the time of Online Written Test (for MCA Applicants only) and GD & PI (For both MBA & MCA Applicants).

Note:

1. For filling in online Application Form and generation of Admit Card, candidates are advised to see the *Instructions for filling online application*.
2. For any further query, please use “**Contact Us**” link on the College website.

2.2 Admission Criteria:

For MBA Course -

Students will be admitted to this course on the basis of valid Written Test score obtained by them in CMAT/MAT/CAT/XAT tests and the Group Discussion (GD) & Personal Interview (PI) conducted by this college. (CMAT/MAT/ CAT/XAT Score is mandatory for admission in this college.)

Note: Merit list for admission to MBA Course will be prepared on the combined basis of Written Test Percentile and Group Discussion & Interview marks.

For MCA Course –

Students will be admitted to this course on the basis of Written Test score obtained by them in the Online MCA Entrance Test (J.D.M.C.A.E.T.) conducted by this college. The written test will be followed by Group Discussion & Personal Interview. **Online Written Test will be held at J. D. Women’s College, Patna Centre only.**

Note: Merit list for admission to MCA Course will be prepared on the combined basis of Written Test, Group Discussion & Interview.

2.3 Reservation Policy:

Reservation policy, as notified by the Bihar Government, will be strictly followed in the admission.

4.4 Group Insurance:

As per AICTE norms, Group Insurance is mandatory for all the admitted students.

2.5 Anti-Ragging Declaration:

As per AICTE norms, students will have to sign Anti-Ragging undertaking in the prescribed format at the time of admission. The undertaking must be duly signed by the concerned student as well as her parent.

2.6 Registration:

The admitted students (except those who are already registered with Magadh University) will have to submit Migration Certificate from their previous university along with requisite fee for university registration. Without registration, they won't be allowed to appear in the university exam.

2.7 Sent-up Rules:

75% attendance is mandatory. No student will be permitted to appear in the University examination unless she fulfils the condition of 75% attendance in each paper, Seminars, Case studies and Special Lectures.

2.8 Examinations:

Student will have to appear in the University Examination at the end of each semester. The examination will be conducted by Magadh University.

2.9 Award of Degree:

On successful completion of the course, appropriate degree will be awarded by the Magadh University.

2.10 Dress Code:

It is mandatory for MBA and MCA students. The prescribed uniform is –

Coffee colour Full Pant & Cream Colour Shirt along with Coffee colour Scarf

Or

Coffee colour Salwar & Cream Colour Kameez along with Coffee colour Dupatta

And

Blue Blazer for winter days

POST GRADUATE
PROFESSIONAL COURSES

MASTER OF
BUSINESS ADMINISTRATION
(MBA)
&
MASTER OF
COMPUTER APPLICATION
(MCA)

Recognition of the Courses:

- MBA & MCA courses are approved by All India Council of Technical Education (AICTE), New Delhi vide Letter No. F.No. Northern/1-3330358850/2017/EOA dated 30/03/2017.
- Magadh University, Bodh-Gaya, granted approval to MBA course vide letter no. PR/629/03 dated 19/02/2003 and MCA course vide letter no. Dev/56/03 dated 15/07/2003.

1. Master of Business Administration Programme (MBA)

Department of Management Studies of the college provides Master of Business Administration (MBA) Programme only.

The MOTTO of our M.B.A. programme is:

- To professionally empower young women for high quality independent living in life.
- To impart top class knowledge and skill of management to the students, so that they could compete with the best in the world.
- To inculcate human values along with professional expertise in the students to make them successful social beings.

1.1 Number of Seats: Total number of seats available is 60 only.

1.2 Eligibility Criterion for Admission to MBA:

Three years Bachelor's degree in any discipline with a minimum of 50% marks. A candidate, who has appeared at the degree examination and is awaiting the result or is appearing at the degree examination, may also apply for admission; but her candidature will be cancelled if she fails to produce necessary documentary proof of her passing out the same with requisite 50 per cent marks at the time of Interview.

1.3 Admission and Selection Procedure:

Score sheet of any All India Management Entrance test as CMAT/MAT/CAT/XAT of the same academic session (last 12 months i.e. September to May) is mandatory to apply for admission. The college will also conduct group Discussion and Personal Interview of the candidates short-listed on the basis of Entrance Test score (CMAT/MAT/CAT/XAT).

Full Marks for G. D. & Interview:

G. D.	-	25
Interview	-	25
Total	-	50

1.4 Course Plan for MBA Programme:

- (a) MBA is a 2-year full time program consisting of four semesters. The academic session generally starts from the end of July or beginning of August every year.

(b) Course Curriculum:

FULL TIME TWO YEARS P.G. PROGRAMME IN M.B.A.

The course curriculum MBA consists of compulsory and elective group subjects. The study of compulsory papers are meant to provide the basic concepts of business. And the elective papers provide extensive knowledge and skill in the area of specialized interest.

SEMESTER-I
(July to December)

Paper Code	Subject	Lecture per week	Scheme of Exam		
			Written	Sessional	Total
101	Fundamentals of Management	4	80	20	100
102	Organisational Behaviour - I	4	80	20	100
103	Financial & Management Accounting	4	80	20	100
104	Managerial Economics	4	80	20	100
105	Quantitative Management	4	80	20	100
106	Computer Application in Management	4	80	20	100

SEMESTER-II
(January to June)

Paper Code	Subject	Lecture per week	Scheme of Exam		
			Written	Sessional	Total
201	Organisational Behaviour - II	4	80	20	100
202	Production Management	4	80	20	100
203	Financial Management	4	80	20	100
204	Marketing Management	4	80	20	100
205	Human Resource Management	4	80	20	100
206	Application of Research Method in	4	80	20	100

Management				
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SEMESTER-III

(July to December)

One elective course containing four papers

		Scheme of Exam			
Paper Code	Subject	Lecture per week	Maximum Marks		
			Written	Sessional	Total
301	Elective Paper-I	4	80	20	100
302	Elective Paper-II	4	80	20	100
303	Elective Paper-III	4	80	20	100
304	Elective Paper-IV	4	80	20	100

SEMESTER-IV

(January to June)

		Scheme of Exam			
Paper Code	Subject	Lecture per week	Maximum Marks		
			Written	Sessional	Total
401	Indian Economic Problems	4	80	20	100
402	Business & Government	4	80	20	100
403	Business Law & Industrial Law	4	80	20	100
404	Business Policies & Corporate Management	4	80	20	100
405	Project Study - (a) Project Report (b) Viva - Voce	-	-	-	100

(c) Elective Course:

Third semester is the specialization semester in which 4 papers of one of the optional discipline is studied. Students are required to choose a specialization discipline of their choice out of the followings:

- (i) Marketing Management
- (ii) Human Resource Management
- (iii) Financial Management

(d) Project Work/On Job Training:

In 4th Semester, every MBA student is required to spend 30-45 days in an industry for project work under the guidance of a supervisor. The Project Report will be evaluated by an External examiner.

1.5 Academic Evaluation/Internal Assessment:

A continuous system shall be followed to assess the students' performance. The students will be evaluated on the basis of class participation, quizzes, assignments, mid-term exams, seminars, group discussions, participation in co-curricular activities, over all behaviour and attendance; and will be awarded sessional marks at the end of each semester. The sessional work will be evaluated by a committee constituted by the director.

1.6 Attendance Policy:

No student will be permitted to appear at any semester examination unless she fulfils the condition of 75% attendance, as per existing university rules.

1.7 Carry Over Examination:

A candidate, who completes the course but fails to pass the examination or does not clear any paper shall be allowed to appear at the subsequent examinations on payment of prescribed examination fee - without being required to go through the course again. However, this opportunity shall be given only twice within a period not exceeding next two years.

1.8 Conduct of examination:

- (a) The semester examinations will be conducted by the Magadh University; which shall also finalise the date of examination, centre for examinations and necessary fee for its conduct.
- (b) The student must pass Semester I, II, III and IV examinations separately with not less than 45% marks in aggregate to be able to get the MBA degree.

1.9 Fees and Other Charges:

(a) MBA students will have to pay fees & charges as indicated below:

Fee	Total Amount	Amount payable at the beginning of	
		1 st Semester	3 rd Semester
Course Fee	35,000/-	19,000/-	16,000/-
College Development Fee	15,000/-	8,000/-	7,000/-
Miscellaneous Charges	15,000/-	8,000/-	7,000/-
ITC Fee	5,000/-	5,000/-	-
Grand Total	70,000/-	40,000/-	30,000/-

(b) Besides the above noted fees & charges, admitted students will have to deposit university registration, migration, examination fee etc. as and when required.

Note:

- For Registration, Examination and Award of Degree kindly refer main booklet-Information Bulletin.
- The fee deposited at the time of admission will not be refunded in any case.
- Any candidate who wishes to leave the programme any time after taking admission will have to deposit entire fee, otherwise College Leaving Certificate won't be issued.

Academic Achievement:

Performance of MBA Students of this college at the university examination has been excellent and their placement record is great.

2. Master in Computer Application Programme (MCA)

Department of Computer Sciences of the college provides Master in Computer Application (MCA) Programme at PG stage.

The objective of our MCA programmes is:

- To train the students to make them value based professionals of global standard.
- To enable them design, develop and run Information systems for all kind and dimension of organizations.
- To make them expert at developing Application Software in diverse areas.

2.1 Number of Seats: Total number of Seats available is 60 only.

2.2 Eligibility Criterion for admission to MCA:

Three years Bachelor's Degree in any discipline with a minimum of 50% marks and Mathematics as a paper at 10+2 level / Graduation level.

A Candidate who has appeared at the degree examination and is awaiting the result or is appearing at the degree examination may also apply for admission, but her candidature will be cancelled if she fails to produce necessary documentary proof of passing the final degree exam with requisite marks at the time of interview.

2.3 Admission and Selection Procedure:

Students will be admitted to this course on the basis of Written Test score obtained by them in the Online MCA Entrance Test (J.D.M.C.A.E.T.) conducted by this college. Entrance test will be followed by Group Discussion & Personal Interview. Online Written Test will be held at J. D. Women's College, Patna center only.

Merit List for admission to MCA course will be prepared on the basis of Written Test, Group Discussion and Personal Interview marks.

2.4 Entrance Test Examination Plan (J.D.M.C.A.C.E. T.) :

(a) J. D. Women's College will conduct Online Entrance Examination (J.D.M.C.A.C.E.T.) on all India basis for admitting students in MCA Programme in three stages –

Stage-I	Written Test	80% Weight age
Stage-II	Group Discussion	10% Weight age
Stage-III	Interview	10% Weight age

(b) Written test Pattern-

- (i) Entrance test will be completely based on objective pattern.
- (ii) All questions will have multiple choices for answers.
- (iii) Each correct answer will be awarded one marks.

- (iv) Negative marking will not be done for incorrect answer.
- (v) Calculation aids such as calculators, calculator watches, slide rules, log tables etc. will not be allowed in the examination hall.

(c) Subjects for Written Test:

The written examination will consist of questions on following topics-

Part-I: Career aptitude & mental ability. (This will include some questions on general English of graduation standard.)

Part-II: Quantitative and mathematical ability test (Question of this part will be of 10+2 standard).

Written Examination Total Marks - 80
Total time allowed - 90 minutes

(d) Centre for Entrance Test:

Entrance Test will be conducted at J. D. Women's College, Patna Centre only.

(e) What to carry on the day of Examination:

- (i) Your Call-letter
- (ii) One ball point pen.

You will be not allowed to borrow any material from your fellow examinees. **Mobile phone is strictly prohibited in the campus of Exam centre.**

(e) Arriving at the Centre:

You must reach the examination venue fifteen minutes earlier than the schedule time mentioned in the admit card. Inside the college campus you will find a directory displaying the room number against the roll numbers. You should look for your roll number and occupy your allotted seat in the room ten minutes before the start of the exam.

2.5 Course Plan for MCA Programme:

- (a)** MCA is a full time programme of three academic sessions consisting of Six Semesters. Each Semester will be of Six Months and the academic session starts in July and ends in June.

(c) Course Curriculum:

The primary emphasis in MCA programme is on designing information systems and developing application software in diverse areas of programming languages, database systems etc. MCA is an integrated programme where the major thrust in its curriculum is on giving the students a sound background in computing, Business functions, Science & Technology and Environmental Management. Thus, the curriculum has these four streams of courses.

In computing, students learn the best from practice. A strong laboratory is an important part of the curriculum. The laboratory besides supplementing the theory course will also expose the students to the use of the latest software tools. Internet connectivity will also be provided to students for obtaining latest knowledge about software tools.

(c) Course Design:

The MCA Programme includes twenty one theory papers, five practical papers and one project work and one seminar. Out of the twenty one theory papers fourteen are from information technology three from Business Management, Two from Mathematics, one from Environmental Management and four are electives. Elective subjects have been organized in two groups:

- (i) Information Technology
- (ii) Business Management & Environmental Management

Students will have to opt for one elective paper from business management & environmental management and remaining three from information technology.

Semester wise IT Elective Papers are -

<u>THIRD SEMESTER</u>	<u>FOURTH SEMESTER</u>	<u>FIFTH SEMESTER</u>
(a) SOL Server	(a) Object-oriented Software Engineering	(a) Computer Graphics
(b) Developer 2000	(b) Distributed Programming with COM/D-COM	(b) Artificial Intelligence Application
(c) Object-Oriented Programming and Java	(c) Advanced Programming with Java	(c) Computer Network Security
		(d) GIS & Environment Model
		(e) E-Commerce
		(f) Multimedia- Technology

Business Management & Environmental Management Electives are:

FIFTH SEMESTER

- (a) Managerial Economics
- (b) Business Finance

A MODEL SCHEME OF INSTRUCTION AND EXAMINATION

Three Years P.G. Programme in MCA

SEMESTER-I

(July to December)

Scheme of Exam Code					
Maximum Marks					
Paper Code	Subject	Lecture per week	Written	Sessional	Total
S-1.1	Information Technology	3	80	20	100
S-1.2	Programming & Data Structures with 'c'	3	80	20	100
S-1.3	Fundamentals of Management	3	80	20	100
S-1.4	Information Systems	3	80	20	100
S-1.5	IT & Programming Lab (Ms-Word, Excel, Power Point & 'C')	6	-	-	100

SEMESTER-II

(January to June)

Scheme of Exam Code					
Maximum Marks					
Paper Code	Subject	Lecture per week	Written	Sessional	Total
S-2.1	Object Oriented Programming with C++	3	80	20	100
S-2.2	Operating System	3	80	20	100
S-2.3	Discrete Mathematics	3	80	20	100
S-2.4	Principles of Accounting	3	80	20	100
S-2.5	Unix & C++ Lab	6	-	-	100

SEMESTER-III

(July to December)

Scheme of Exam Code					
Maximum Marks					
Paper Code	Subject	Lecture per week	Written	Sessional	Total
S-3.1	Database Management System	3	80	20	100
S-3.2	Computer Communication Network	3	80	20	100
S-3.3	IT Elective-I	3	80	20	100
S-3.4	Environment Management	3	80	20	100
S-3.5	Oracle & Elective Lab	6	-	-	100

SEMESTER-IV
(January to June)

Scheme of Exam Code					
Maximum Marks					
Paper Code	Subject	Lecture per week	Written	Sessional	Total
S-4.1	Visual Programming with Visual Basic	3	80	20	100
S-4.2	Software Engineering	3	80	20	100
S-4.3	SC & Optimization Techniques	3	80	20	100
S-4.4	IT Elective -II	3	80	20	100
S-4.5	Visual Basic & Ms-Project/Designer 2000, Ms-Access Lab	6	-	-	100

SEMESTER-V
(July to December)

Scheme of Exam Code					
Maximum Marks					
Paper Code	Subject	Lecture per week	Written	Sessional	Total
S-5.1	Internet and Web Designing	3	80	20	100
S-5.2	Computer System Architecture	3	80	20	100
S-5.3	IT Elective-III	3	80	20	100
S-5.4	B.M. Elective-I	3	80	20	100
S-5.5	Organizational Behaviour	3	80	20	100
S-5.6	Internet & Web Designing Lab & Elective Lab	6	-	-	100

SEMESTER-VI
(January to June)

Scheme of Exam Code					
Maximum Marks					
Paper Code	Subject	Lecture per week	Written	Sessional	Total
S-6.1	Seminar	-	-	-	100
S-6.2	Project	-	-	-	400

Every MCA student is required to spend the Sixth Semester in an industry/organization for a project work on development of software system under the guidance of a supervisor. The students will have to report back to the college, periodically for seminar on the work being done by them.

2.6 Academic Evaluation & Internal Assessment:

- Each subject of the curriculum (theory/Practical/seminar/ industrial lecture/project) has got an independent entity and will be evaluated separately. The candidates will have to obtain minimum required level (40%) in each and every entity of the curriculum independently and 45% marks in aggregate.
- Each student will have to take a full time project work of approximately 5 months preferably in Industry/Business Organization.
- Students will have to appear at the assessment exam in each semester. The sessional marks will be awarded on the basis of class assessment exam, attendance, lab work report and over all behaviour & discipline of the students. The responsibility for evaluating sessional work shall be that of the committee constituted by the Director.
- For seminars, marks will be based on presentation/ participation & Seminar report to be evaluated by external examiners appointed by the university.
- The project marks in the University exam will be based on project report and viva-voce to be conducted by external examiners appointed by the university.

2.7 Attendance Policy:

Regular attendance (at least 75%) in all classes, seminars, symposia, discussions etc. are essential otherwise the candidate shall not be permitted to sit for the examination of that semester.

No student will be permitted to appear in any semester examination unless she fulfils the condition of 75% attendance as per existing university rule.

2.8 Carry Over Examination:

- (a) An examinee who does not appear in any semester exam due to personal reasons or does not clear any paper will be allowed to appear in subsequent examination(s) in such paper (s) as a carryover examinee as per examination rules. In the meanwhile she will be allowed to join the next semester. However, an examinee must clear all papers in each semester before the final examination in order to get the final degree.
- (b) An examinee can normally avail herself of three chances to clear any paper/semester within two years of the final semester examination of the examinee's original batch.
- (c) An examinee who qualifies in all papers (minimum required marks 40%) but fails to obtain required aggregate (45% marks) in any semester will have to improve the percentage of marks by re-appearing at anyone or more paper(s) of the concerned semester within next two semesters.

2.9 Conduct of Examination:

- (a) The examination shall be conducted by the Magadh university which shall also finalise the date of examination, centre of examination and necessary fee for its conduct.
- (b) In order to pass MCA final examination a candidate must have passed MCA semester I, II, III, IV, V, VI examinations separately with not less than 45% marks in aggregate otherwise, candidates shall be deemed to have failed.

2.10 Fees and Other Charges:

- (a) MCA Students will have to pay fee and other charges as indicated below:

Fee Structure	Amount Payable at the beginning of			
	Total Amount (Rs.)	1 st Semester	3 rd Semester	5 th Semester
Course Fee	61,500/-	21,500/-	20,000/-	20,000/-
College Development Fee	15,000/-	8,000/-	2,000/-	5,000/-
Miscellaneous Charges	16,500/-	7,500/-	6,000/-	3,000/-
ITC Fee	5,000/-	3,000/-	2,000/-	-
Grand Total	98,000/-	40,000/-	30,000/-	28,000/-

- (b) Besides the above noted fee & charges admitted students will have to deposit university registration, migration, examination fee etc. as and when required.

Note:

- For registration, examination and award of degree kindly refer main booklet -information bulletin.
- The fee deposited at the time of admission will not be refunded in any case.
- Any candidate who wishes to leave the programme any time after taking admission will have to deposit entire course fee, otherwise necessary formalities for leaving the college will not be completed.

Academic Achievement:

Performance of MCA Students of this college at the university examination is very encouraging.