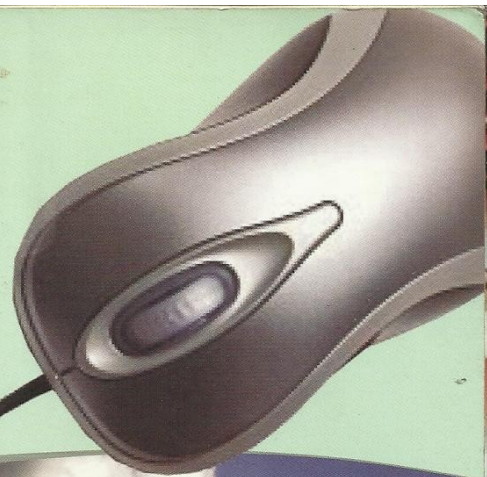




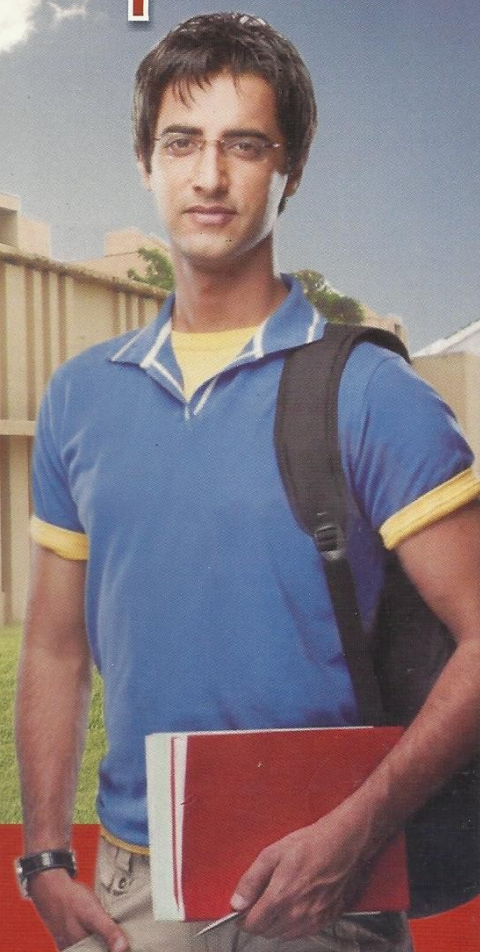
# MCA



## Prospectus

**MCA  
BUILDING**

12



**Master of Computer Application**  
(3 YEARS FULL-TIME COURSE)

Approved by : All India Council for Technical Education & Magadh University, Bodhgaya

**BINDESHWAR SINGH COLLEGE**

(A Constituent unit of Magadh University, Bodhgaya)

**DANAPUR, PATNA - 800012. BIHAR**

Phone : 0612 - 2561634 • e-mail : [info@bscollegedanapur.com](mailto:info@bscollegedanapur.com) • [www.bscollegedanapur.com](http://www.bscollegedanapur.com)

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MESSAGE FROM DIRECTOR  
(MCA PROGRAMME)

India has seen unprecedented economic growth in the recent past. Sustaining this growth and emerging competitive globally, India is in need of quality managers with values. India needs business leaders who are creative, entrepreneurial and who can create new paradigms. Indian professionalism has never been put to as critical a test as it is today in the rapidly evolving world.

In this context, we perceive our programmes not just as mere PG Programmes, but as an experience that would educate our Student-Executives on the importance of time management, work-ethics, commitment, leadership, team-building and decision-making.

**Our task is simple** : Select the best students and give them the right tools, environment and academic freedom to let their hidden talents and creativity blossom. The two years at B.S. College condition the Student- Executives to think out of the box and help convert their thought into action with maturity, confidence and efficiency.

B.S. College admits to its two-year MBA Programme, top percentile scorers on the MAT and our internal test. Our teaching-faculty is efficient, dedicated, capable and the pedagogy is innovative and need-sensitive. Above all, students are groomed in a culture of value-based learning, distinctive to B. S. College.

To discerning corporates, we offer efficient managerial candidates with diverse sets of skills and experience and who, I believe, will be invaluable to their growth.

I, now whole-heartedly welcome you to interact with our Student-Executives at our privileged Institute.

Dr. Baban Singh  
*Director/Principal*  
*B.S. College, Danapur*



## **FROM THE COORDINATOR DESK**

### **(MCA PROGRAMME)**

Our college is characterized by vigor and vibrancy of youth, humility of experience, creative and inspiring atmosphere . We as institute, draw our strength from all our stakeholders, ranging from students, parents to industry captains. It is our firm belief that participative learning is a means to develop business leaders who can ensure a difference. We treat our students as participants in the process of learning. The hallmark has been our constant quest for excellence coupled with a commitment to professionalism.

The emphasis is on participative learning, affording opportunity to express individual talents, case based learning through actual business scenarios, helping students to shape into global business leaders. The social flavour that has been consciously added to the education programme through various agendas help our students to understand and assimilate the grass root realities, need to create social values and inculcate ethical business practices. We aim to empower students with the intellectual horizon with creative vision, innovations and competitive strategies suitable for dynamic business environment. This will give a sound Launchpad to deal with managerial challenges emerging in a wide range of socio-political and economic environment.

The overall objective is to provide a pool of talents for industry and create budding entrepreneurs. The college also provide, research, executive training and consultancy in management, thereby fulfilling the contemporary needs of industry, business, government and society at large. Ample opportunities are provided to students and staff for all round development through participation in sport, music, drama, the visual arts, and other cultural activities. A unique blend of youth and experience, willingness to learn and evolve, encapsulates our faculty, compressing the best from academics and industry. They use the best method to impart complex cutting-edge information and insights - including case studies, lectures, role-plays, or simulations - and have created many curricular innovations. They impart a holistic learning experience to our students taking rapid strides to achieve our vision of being a prime institution in the field of professional education. We look forward to your continued support in our earnest endeavour.

**(Dr.) Gajendra Pd. Gadkar**  
*Coordinator*  
*Management Programme*



## **ABOUT THE COLLEGE**

Bindeshwar Singh college, Danapur, established and named after great visionary Shri Bideshwar Singh, in 1954 on the bank of the river Ganga. Since 1975 the college is a constituent unit of Magadh University, Bodh Gaya.

The College is endowed with natural surroundings and great men of the ancient and medieval period. The pious place Maner, Sufi saint Makhdoom Yahiya Maneri Bari Dargah is on west of the college. Indian village-culture can be seen on the north with the expansions of the Ganga river. 'Khgaul' - the work place of the Great mathematician and astronomer Aryabhata is on the south of the college.

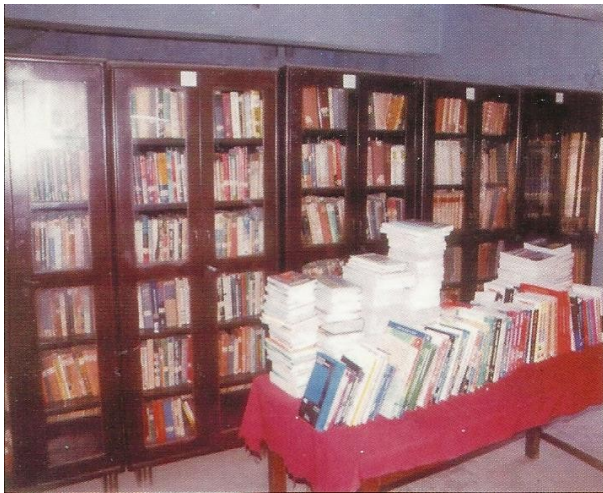
The college has vibrant campus providing all round development of the young generation of the country. Activities like - sports, debates, music and exhibition are the center of attraction by the active participation of the students, teachers and all other member of the college.

The college maintains the national standard of Laboratory, Library, Sports, Debate through different student/teacher societies of the college as per the UGC and AICTE norms.

The inter-university competition 'Tarang' started in 2007-08 witnessed the achievements of the students of the college.

All these we can achieve with active participation of students and all members of the college under the vow of discipline and active support of the parents.

## **LIBRARY**



Library is enriched with latest books & journals, Students are provided with Library Cards to obtain books for study at home besides reading room facility. New books are added every year as per requirements of students

## **COMPUTER LAB**



Proficiency in computer applications has now obviously become integral part of every teaching and training curriculum. The College ensures a modern computer lab to meet the requirement of MCA teaching on the campus. Facilities for practical works in different courses are available at B. S. College.

## VISION

Enlightenment and personality Development of younger generation through education to make them an asset to the nation.

## MISSION

- Providing quality education in modern disciplines.
- Educating the new generation in contemporary knowledge world and skill to meet the challenges of nation-building.
- Inculcating a sense of moral values, national pride and universal brotherhood among the students.
- Diversifying teaching programmes in changing situation to keep up pace with the socioeconomic development.
- Developing better infrastructure and academic environment for attainment of quality education of different categories



# Course Design

The Duration of the full-time MCA Programme shall be of three academic years. Each academic year will commence in July. Altogether the Programme is divided in six semesters. The summer vacation at the end of the first & second year will be utilized for summer training.

1 <sup>st</sup> Semester	-	July to December
2 <sup>nd</sup> Semester	-	January to June
3 <sup>rd</sup> Semester	-	July to December
4 <sup>th</sup> Semester	-	January to June
5 <sup>th</sup> Semester	-	July to December
6 <sup>th</sup> Semester	-	January to June

## Course Structure

### SEMESTER - I

S-1.1 :: Information Technology

S-1.2 :: Programming and Data Structure with "C

S-1.3 :: Fundamental of Management

S-1.4 :: Information Systems

S-1.5 :: IT and Programming LAB

(MS-Word, MS-Excel, MS-Powerpoint, 'C')

### SEMESTER - II

S-2.1 :: Object Oriented Programming with C++

S-2.2 :: Operating Systems

S-2.3 :: Discrete Mathematics

S-2.4 :: Principles of Accounting

S-2.5 :: Unix and C++ Lab

### SEMESTER - III

S-3.1 :: Database Management Systems

S-3.2 :: Computer Communication Networks

S-3.3 :: IT-Elective - 1

S-3.4 :: Environment Management

S-3.5 :: Oracle and Elective lab 2000 MS-Access Lab

**SEMESTER - IV**

S-4.1 :: Visual Programming with Visual Basic

S-4.2 :: Software Engineering

S-4.3 :: Optimization Techniques

S-4.4 :: IT-Elective - II

S-4.5 :: Visual Basic, MS-Project / Designer

**SEMESTER - V**

S-5.1 :: Internet and Web Designing

S-5.2 :: Computer System Architecture

S-5.3 :: IT Elective-III

S-5.4 :: BM Elective - I

S-5.5 :: Organizational Behavior

S-5.6 :: Internet and Web Designing, Elective Lab

**SEMESTER - VI**

S-6.1 :: Seminar

S-6.2 :: Project



## **ADMISSION PROCEDURE**

Candidates wishing for admission are requested to submit their application on the prescribed Application Form along with a copy of mark- sheet of graduate examination. The cost of the Application Form is Rs. 500/- in cash.

The eligible candidates will have to appear in an ENTRANCE TEST and successful candidate will be invited for Interview for final selection for 60 seats as per reservation policy of Govt. of Bihar / M.U., Bodh Gaya.

## **ELIGIBILITY**

Graduate (10+2+3 system) with Mathematics / Statistics / Business Mathematics / Computer either at graduation or Intermediate / +2 level obtaining atleast 50% aggregate marks at graduate level.

## **VENUE:**

**Bindeshwar Singh College, Danapur, Patna.**

## **TIME:**

9:00 AM to 4:00 PM on all working days.

## **REGISTRATION**

All students enrolled in MCA are required to apply for registration as per Magadh University rules. Separate form for registration may be obtained from office at the time of beginning of the first semester.

## **Programmes & Development Activities**

Extra curricular activities play an important role in moulding technical personality. A participate environment helps in developing technical qualities and inculcating a sense of responsibility. Therefore, the Department runs the following programmes and activities for personality development of MCA students of the College-

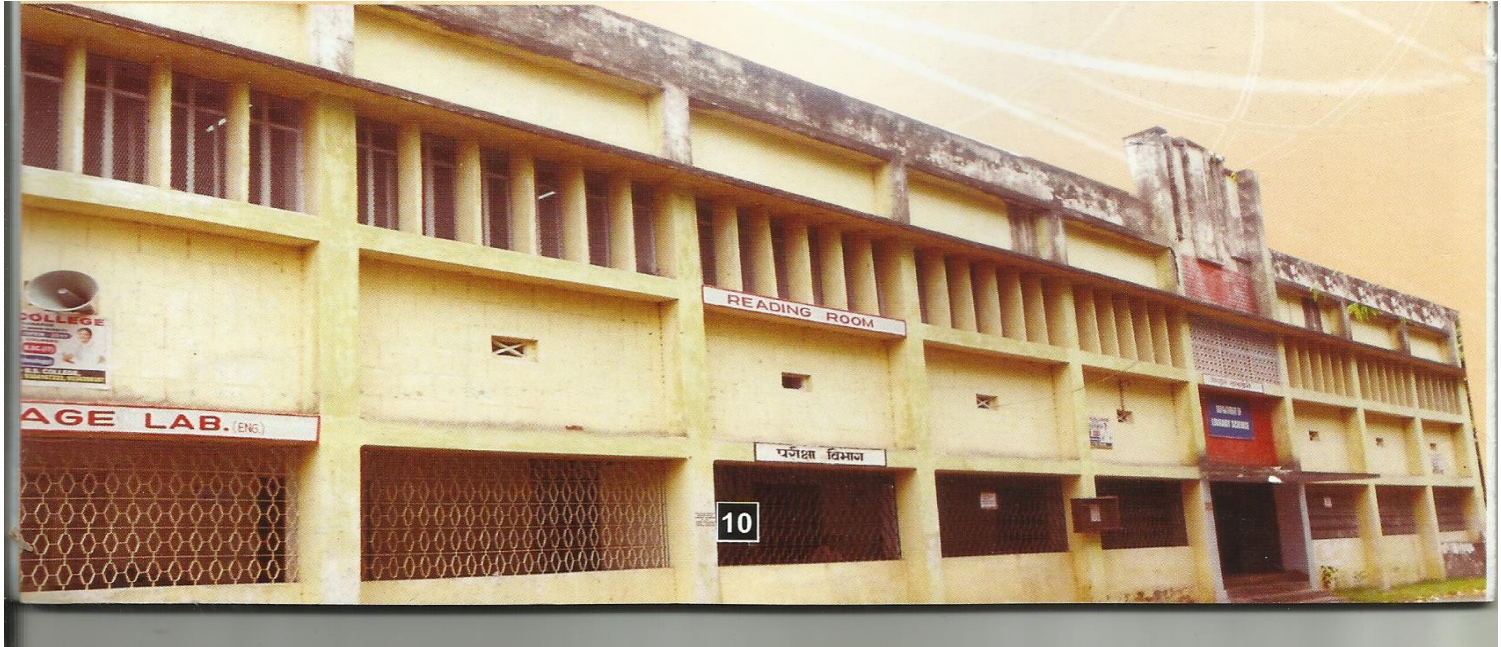
Regular training on Computer.

- Interdisciplinary discussion.
- Concept and training of Media.
- Interaction with industrialists, entrepreneurs, EXIM specialized persons.
- Seminars on behavioral sciences.
- Group discussion.
- Mock interview.
- Extra Curricular activities for promotion of health and aptitude.
- Assignments and Industrial visits.
- Vocational training.
- Spoken English class.
- Students Advisory Council.
- Institute Lecture Series.
- In-house Journal.
- Case studies for application to professional situations.

## **Methods of Instruction**

The Department adopts different methods of instruction to impart Management and Computer education that can be an instrument for the efficient discharge of the functions and duties by the future professionals. Therefore, a variety of instructional methods are followed to

facilitate an integrated learning approach. The methods include lecture cum discussion, analysis and discussion of cases, regular seminars and symposia, aids and simulation exercise. The mix of methods varies depending upon the nature of the course. All the methods are designed to develop the participant's skill in decision-making, judging and analyzing of business problems and communicating effectively with others. Speakers are invited from the reputed business organisation/ sectors.



## Fee Structure

As per guide lines of Magadh University, Bodh Gaya which is subject to change

## Mode of Payment

Payment of fee and other charges should preferably be made by Crossed Bank Draft payable to **The Director, Department of MCA, B.S. College, Danapur, Patna (Bihar)** payable at Danapur.

## Cancellation & Refund

Refund of fee will be made as per rules / guidelines of AICTE.

## Mode of Teaching

- Integrated Learning Approach
- Class room lecture and discussion
- Case studies
- Regular seminars and symposia
- Summer training - learning by doing Field visits

- Projects and exercises
- Audio visual aids
- Computer lab-work

## **Evaluation & Award of Degree**

- Magadh University will conduct semester-wise examination.
- Degree will be awarded by Magadh University, BodhGaya.
- Each paper will carry 100 marks.

**Written** - **80 marks**

**Internal assessment** - **20 marks**

## **Attendance Policy**

Regular attendance in all classes, seminars, symposia, case discussion, field trips, periodical tests, etc. is compulsory.

- 75% attendance in each subject/paper is compulsory.
- A prolonged absence will result in dismissal from the programme.

## **Summer Training**

- The training programme is an integral part of the curriculum.
- At the end of the each year, all students are required to go for training to different industries and organisations for practical exposures.
- Successful completion of summer training is a pre-requisite for their continuation in the programme.





# Admission Form

## **BINDESHWAR SINGH COLLEGE** **DANAPUR, PATNA (BIHAR)**

(A Constituent unit of Magadh University, Bodh-Gaya)

Annexure - A

Form No.

**011**

Paste your Passport  
size recent coloured  
Photograph  
( 4 cm. x 5 cm.)

Fill the Admission form very carefully. Completed admission form in all respect with copies of certificates should be sent directly to **The Director, Department of MCA, B. S. College, Danapur, Patna (Bihar)** on before the due date notified in the advertisement. Admission forms sent to any other office of the College will not be entertained.

1. Enrolment No. :  (For Office use only)

2. Name of the Programme applied for :

**MASTER OF COMPUTER APPLICATION**

*Signature of the Candidate*

3. Name of the applicant in Block Letters (as per Secondary School Examination certificate) in Roman Script:

4. Name in Devanagari Script :

5. Father's Name ..... Mother's Name .....

6. Permanent Address ..... PIN

7. Address for Correspondence : ..... PIN

City  District  State

8. Telephone No. (if any) with STD Code :  
STD Code  Tel. No./Mob. No.

9. Fax No. (if any) with STD Code:  Tele. No.

10. E-mail address (if any):

11. Session in which admission is sought :

12. Date of Birth :     
Date Month Year

Tick (✓) the appropriate box only

13. Sex : Male  Female

14. Nationality : Indian  Other  if other please specify : .....

Form No. **011**

### RECEIPT

Received Admission Form from Mr./Miss/Mrs. ....  
for **MCA** for the session ..... On .....

Signature of Receiving Officer

15. Caste : .....

16. Category :  General  SC  ST  OBC (Women)  BC-I  BC-II  PH

(Tick in appropriate box)

17. Marital Status : Married  Unmarried

18. Defence Personal : Ex-Service Man  Widow

19. Educational Qualification (Matriculation onwards)

Name of the Exam. Passed	Division/Class	Percentage of Marks	Year of Passing	Name of the College / School	Board / University

20. Specify any other Qualification : .....

### DECLARATION BY THE APPLICANT

I ..... (Name) hereby declare that I have read and understood the conditions for the eligibility of the **MCA** programme for which I seek admission. I declare that I fulfil the minimum eligibility criteria and have provided the required information in this regard in the admission form. In the event of any information being found incorrect or misleading, my candidature shall be liable to be cancelled by the University at any stage and I shall not be entitled for any refund of any fee paid by me to the University.

Place .....

Date

Signature of the candidate

### FOR OFFICE USE ONLY

Category : .....

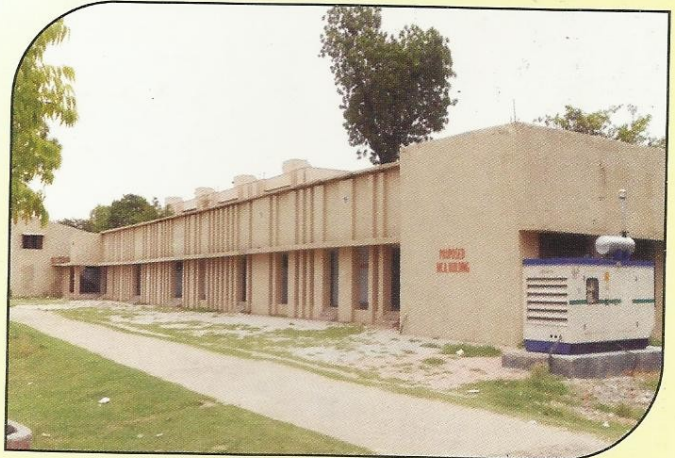
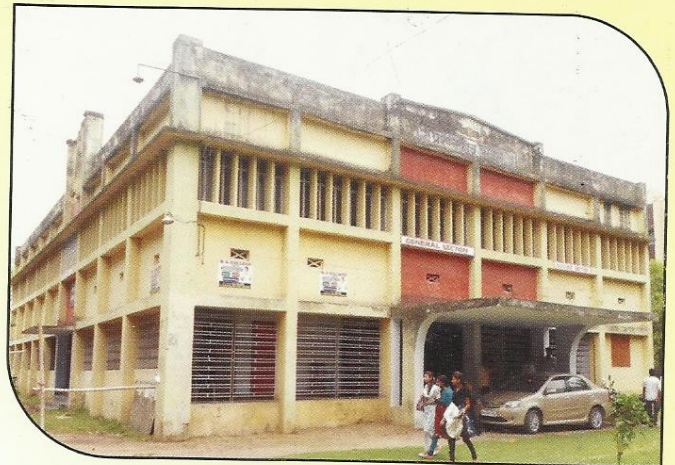
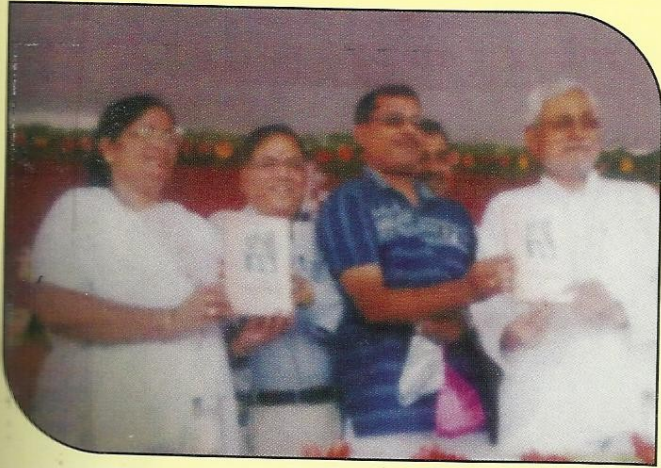
Eligible : ..... Programme

Class Roll No.

Details of Admission Charges :

Demand Draft No.	Date	Amount	Name of the Bank

Sign. of In-charge Admission





स्व. बाबू बिन्देश्वर सिंह

ग्राम - अकिलपुर

जन्म - 1890

पुण्य तिथि - 15-10-1971

मूर्तिक आनावरण डा. अभिमन्यु सिंह मृतपूर्व

विश्वविद्यालय के कर्मियों से दिनांक 15-10-1971 को स्थापना संस्थापक



## **BINDESHWAR SINGH COLLEGE**

(A Constituent unit of Magadh University, Bodhgaya)

**DANAPUR, PATNA - 800012. BIHAR**

Phone : 0612 - 2561634

e-mail : [info@bscollegedanapur.com](mailto:info@bscollegedanapur.com)

[www.bscollegedanapur.com](http://www.bscollegedanapur.com)

**Rs. 500/-**

(Postal Charges Rs. 50/- extra)