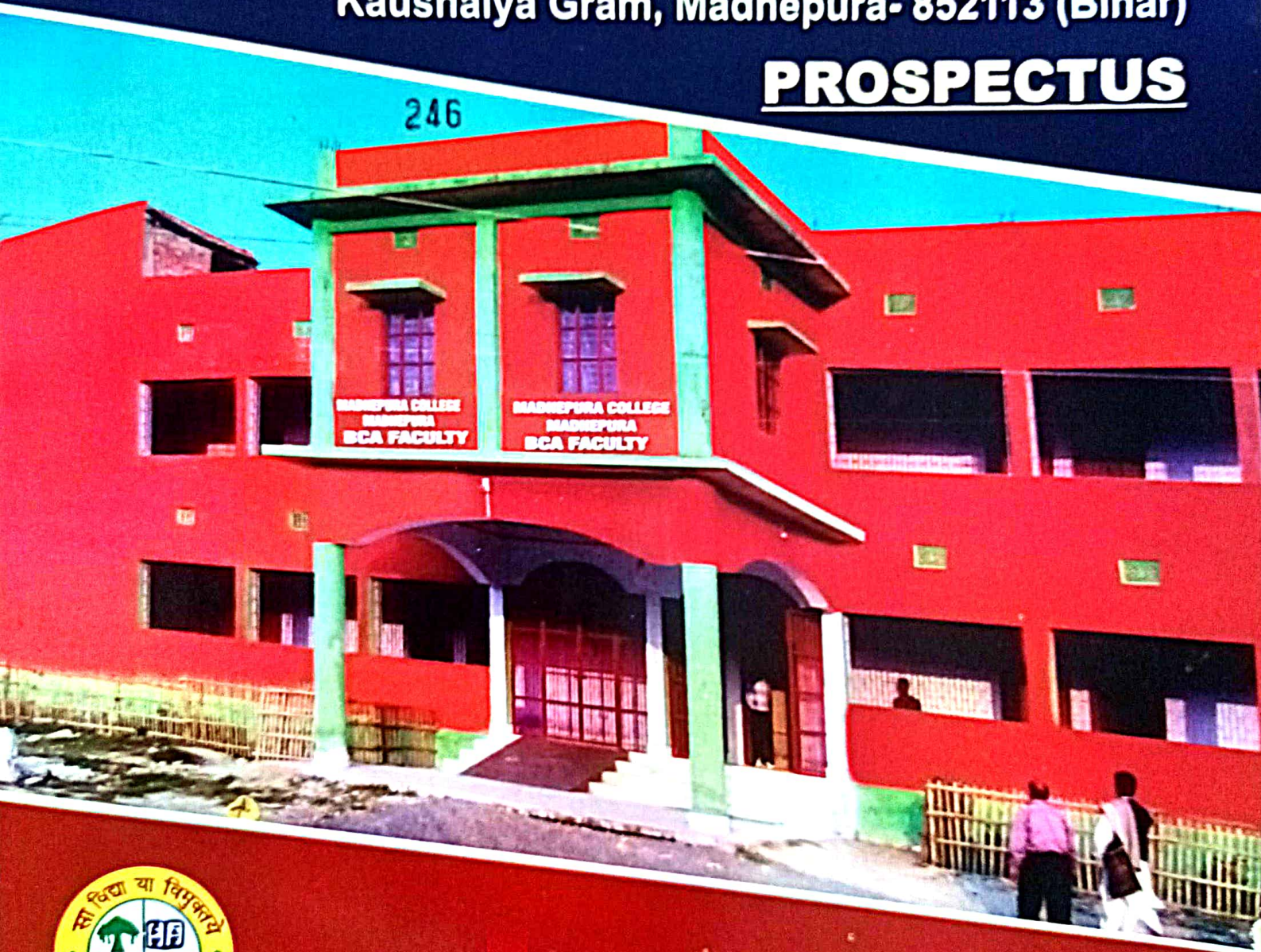


BCA

MADHEPURA COLLEGE, MADHEPURA

Kaushalya Gram, Madhepura- 852113 (Bihar)

PROSPECTUS



B.N. Mandal University

Bachelor of Computer Application, Madhepura



From the Director's Desk



MESSAGE

Welcome to the - BBA / BCA / BIO-TECH Programme... The govt. of India Desires to attract 15-20 young people out of 100 young people to higher education by the end of the 11th plan. At present only 10 out of 100 are in higher education. Though this may appear to be a modest target in terms of percentage in reality, a very large no. of youngsters should find access to higher education....

Let us hope for the best...In this regard one has to focus our attention on the large no. of students in higher education who are studying in general college. They belong to arts, Science and Commerce stream as well as business studies...

In the bulk, students in the age of 18-25 wants to pursue higher education, we realise that this is not at all possible because we have neither the infrastructure nor adequate human resources nor we are prepared for it..

It is expected that our youngsters will take advantage of "THE EDUCATION FOR ALL".

Through this programme in order to support govt. of India to achieve its objective of increasing the enrollment of students in higher education with access to all" specially those who have had no access to higher education due to various reason..

Hence, the attempt to revolutionize higher education in the country is most welcome..

DR. ASHOK KUMAR
PRINCIPAL CUM DIRECTOR
VOCATIONAL EDUCATION

MADHEPURA COLLEGE
MADHEPURA

PROSPECTUS



BACHELOR OF COMPUTER APPLICATION

MADHEPURA COLLEGE, MADHEPURA
AIM AND INTRODUCTION

AIM OF COURSE :

The motive behind successful completion of BCA is not only to make students graduate but also to increase the probability of getting job in so many different fields i.e.

Database Administration

Network Administration

Hardware Engineering

Software Testing

Internet programming (Through either net or JIEE)

Embedded System

Successful students will have different keys to open the corresponding doors so that they may enjoy their career ambitions.

Keeping the view that the area is economically backward. Our organization is responsible to provide quality education at lowest cost as possible. In the present arena of vocationalization or job oriented course our University has launched a number of programme after approval from academic council, syndicate and senate; BCA is one of them. The course is approved by Governor cum Chancellor Office vide letter No. - B.N.M.U./30/2007 - 3843 / GS dated - 0/08/2007. The department is organized guardian-teacher meet periodically to discuss on basic problems associated with teaching and management. The department also organized Seminars and symposia to develop basic outlook and knowledge among students.

BASIC INFORMATION OF ORGANIZATION :

Thakur Prasad College, Madhepura was established in 1953. This College has been enjoying so many genius Principals, Professor and staff. The college is situated in University headquarter, It is 3 km. from Railway station and km. from University. It is situated in pollution free area.

MODE FOR ENTRANCE EXAMINATION :

The entrance examination includes 100 multiple choice questions selected with general studies and general English of Intermediate standard.

1. Mark-Sheet for (10+2)
2. Admit Card for (10+2)
3. Photographs Attested by Guzzeted Officer.
4. Certificate for Reservation/Creamy layer

All documents are submitted in two copies.

MADHEPURA COLLEGE
MADHEPURA



Ordinance for Admission and Regulation of Examination

Bachelor of Computer Application (BCA)

Regular Education Mode (Self-financing scheme)

Under

B.N . Mandal University, Madhepura

A. Ordinance for Admission

1. Admission and selection procedure :

The university shall hold entrance test for selection of the candidates. The test shall be conducted in accordance with certain procedures that will match an all India specification.

- a) Application forms for entrance test shall be obtained at the office counter by depositing Rs. 300/- only through demand draft or may be obtained by sending a self- stamped and self-addressed registered envelope along with DD of Rs. 300/-
- b) Applications received shall be processed according to the requisite qualifications and conditions.
- c) Selected candidates will be called for interview. Final selection for admission shall be made strictly on the basis of entrance test and interview.
- d) The University reserves the right to take any decision in all matters of admission.

2. Reservation :

Reservation of seats for admission shall be in accordance with the state Goths rules B.N.M. University rules. In no case, the percentage test and interview.

3. Eligibility for Admission :

- a) Passed the 10+2 or its equivalent preferably with Mathematics/ Economics/Commerce as a distinct subject or any examination recognized by the academic council as equivalent thereto, with securing at least 45% marks in the aggregate.
- b) No applicant shall be admitted who has not applied for the admission within notified time or who on being selected for admission does not get himself/herself admitted specified time, except where the delay has been condoned by the vice-chancellor.

4. Intake :

60 (sixty) in one section be modified by the central advisory committee for vocational education of B.N. Mandal University/admission committee.

PROSPECTUS



5. Fee Structure :

Semester wise fees to be paid by the candidate shall be as follows : The course will run on self-finance basis. Fees may be revised by the university if necessary.

Course fee	Semester					
	1st (Rs.)	2nd (Rs.)	3rd (Rs.)	4th (Rs.)	5th (Rs.)	6th (Rs.)
Academic Fee	600/-	600/-	600/-	600/-	600/-	600/-
Books & Journals	500/-	500/-	500/-	500/-	500/-	500/-
Development Fee	3000/-	3000/-	3000/-	3000/-	3000/-	3000/-
Extra-Curricular						
Activities`	150/-	150/-	150/-	150/-	150/-	150/-
Total	4250/-	4250/-	4250/-	4250/-	4250/-	4250/-

Admission Fee Rs. 500/- Project Fee Rs. 1000/-

6. SC/ST candidates will be allowed 20% concession in academic fee.

Besides the above noted fees and charges each candidate appearing in the university examination will be required to pay the prescribed examination fee of Rs. 500/- to the university.

To start with 20% of the amount received from the students as academic fees shall be transferred to the corpus fund of the B.N.M. University Madhepura for the development of department of compute rapplication. This proportion to the fee may be revised. If university desires to do so in changing circumstances.

7. Medium of Instruction : English

B. EXAMINATION REGULATION

1. Duration of course :

The duration of course (BCA Program) shall be of three academic years, consisting of six semesters, Each semester will be of six months.

2. Course curriculum :

The duration of the course shall be of three academic years, Each academic year. Each academic year shall be divided into two semesters altogether there will be six semesters in three academic years. A candidate for BCA Examination shall be examined in the following papers.

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COURSE PLAN



SEMESTER - I

IBCA- 1 Fundamental of Computer & Information Technology
IBCA-2 Communicative English
IBCA- 3 Programming Methodology & Programming C-Language
IBCA-4 Computer Practical (Windows, Word, Excel, Power Point (& Programming C - Language))

SEMESTER - II

IBCA- 1 Mathematics - ADVANCED CALCULUS & MATRICES NUMERICAL METHODS
IBCA-2 Data Structure
IBCA-3 Object Oriented Programming C++
IBCA-4 Computer Practical (Data Structure) with C & oop's with C++

SEMESTER - III

IBCA- 1 Digital Computer Organization
IBCA-2 Data Base Management System
IBCA-3 Operating System
IBCA-4 Computer Practical (Access, DOS & Linux)

SEMESTER - IV

IBCA- 1 Graphical User interface Programming with Visual Basic NET
IBCa-2 Mathematics - II (DISCRETE MATHEMATICS)
IBCA-3 Relational Data Base Management System & Oracle
IBCA-4 Computer Practical (Visual Basic, Programming & Oracle)

SEMESTER - V

IBCA-1 Computer Network
IBCA-2 Java Programming
IBCA-3 Internet & E-Commerce
IBCA-4 Computer Practical (Java Programming & HTML DHTML PB & Java Script)

SEMESTER - III

IBCA-1 System Analysis & Design
IBCA-2 Principles of Management & Financial Accounting
IBCA-3 Multimedia Tools & Application
IBCA-4 (A) Computer Practical (Accounting in Tally & Multimedia Tools)
IBCA-4 (B) Project work

3. Attendance Policy :

75% attendance will be required as per the existing provisions for appearing the examination.

4. Practical Training :

All students are required to go for practical training to different institutes, organizations, imparting education. Towards Computer science and information technology for practical exposures.

5. Medium of instruction and Examination :

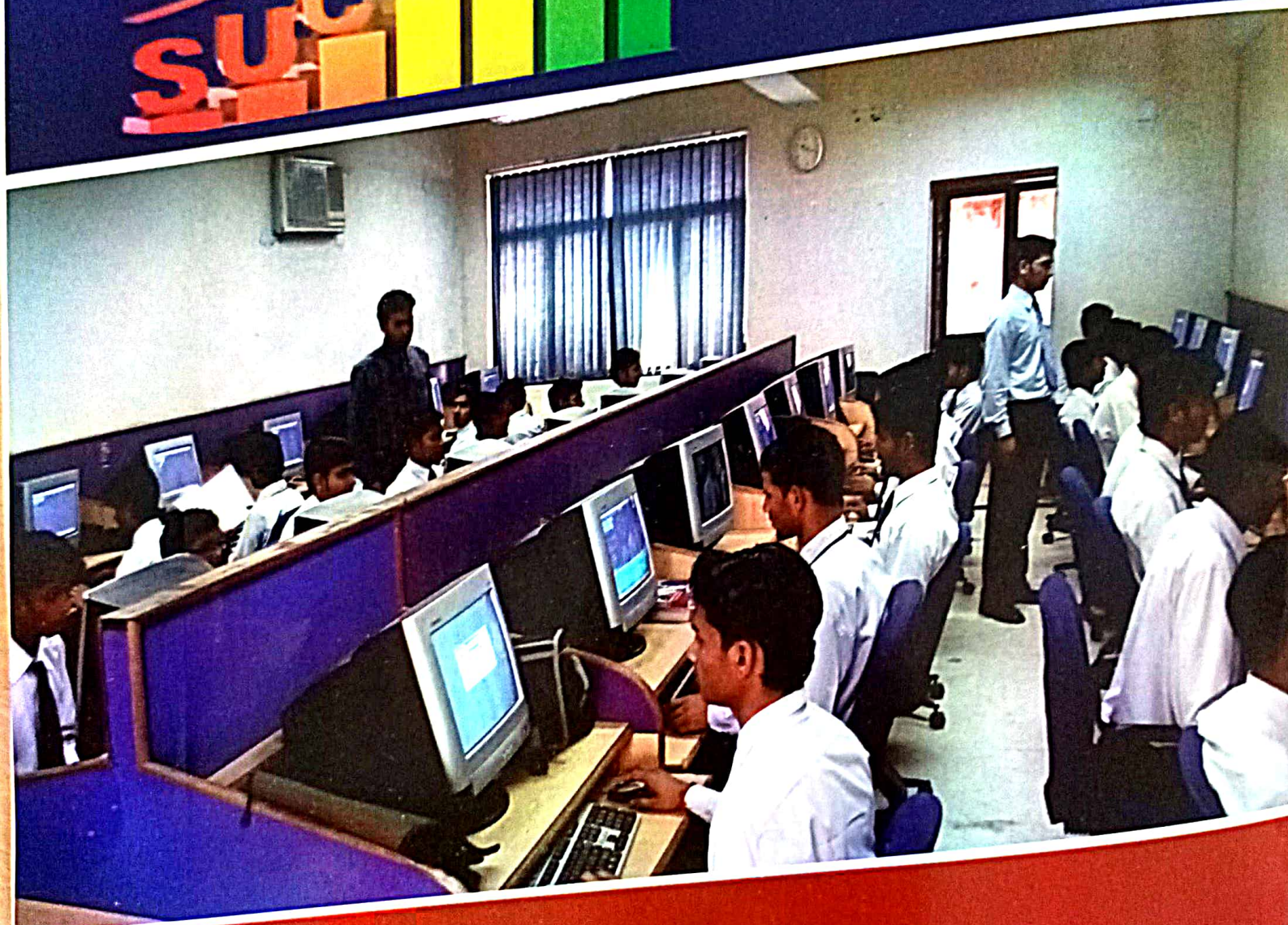
The medium of instruction and examination for the course shall be English.

6. Registration :

Every student who is not already registered with B. N.M. University, Madhepura will have to get Himself / Herself registered on payment of the requisite fees. The Student who is not registered under B.N. Mandal University, Madhepura shall not appear at the examination.

PROSPECTUS





ROY & SONS (P&D)

R.K. Complex, (Infront of Kali Mandir) Langar Toli, Patna -4