

CONTENT

1. University profile
2. About the University
3. Department Profile
4. About the MCA Department
5. Ordinance for admission in MCA Course
6. Fee Structure
7. Facilities Available
8. MCA Course Structure
9. University Examination

T.M. Bhagalpur University

Bhagalpur University was established under the Bihar State Universities Act and came into existence on 12th July 1960. It was renamed as Tilkamanjhi Bhagalpur University in the year 1991.

Tilkamanjhi Bhagalpur University is situated in the heart of historical 'Silk City' Bhagalpur. In ancient times it was known as **Champa**, the capital of 'Anga' ruled by **Raja Karna** of Mahabharat period. King **Dharmpal** of Pal dynasty established the Vikramshila University at a distance of 40 Km. East of Bhagalpur, whose excavated sites are visited by the tourists from all over the world. The historical **Tilha Kothi**, on the bank of holy river the **Ganga**, was the residence of the first collector of Bhagalpur. This property was later owned by Rabindra Nath Tagore and hence the University renamed the Tilha Kothi as **Rabindra Bhawan**. During freedom movement, Mahatma Gandhi had addressed the public of Bhagalpur from this place.

The University campus is spread around Tilha Kothi (Rabindra Bhawan) between the railway track of the Eastern Railway and the holy Ganga. It is at a distance of 3km. west of Bhagalpur Railway junction. It has its own campus area of 246 acres with luxuriant mango & litchi orchards and a number of natural ponds and fields. The vast University area embraces different campus of P.G. Science, P.G. Arts, P.G. Commerce, T.N.B. College, Marwari College, B.N.College, University Health Centre, University Library, University Sports Stadium, University Auditorium, Multipurpose Hall and University Guest House, Hostels for Boys and residential Lalbag campus with hostels for girls.

The Computer Centre

Computer Centre, came into existence in T. M. Bhagalpur University , Bhagalpur in 1988 under financial grant by the UGC, New Delhi vide letter no. F60-22/86(T) dated February 20, 1986. It is Located east of eastern gate of T. N. B. College campus.

The centre was set up with the objective of providing computer facilities to the teachers, research scholars and students as well as for teaching and training facilities to the desirous students, working staff of the university for the purpose of spreading computer literacy and applications.

Over the years, the centre matured as Nodal Centre for spreading the computer training and education in the developing district of Bhagalpur.

Master of Computer Application MCA Course

After an initial survey of the demands for studies in the field of Information Technology, the University, in early 2002, decided to start MCA Course in the Computer Centre. Consequently, a three years (i.e., 6 Semester) regular Course of Master of Computer Application (MCA) was started during 2002 with the infrastructure of the Computer Centre and named as “MCA Study Centre”. Later on this Study Center was converted in regular post graduate Department and named as “University Department of Computer Applications”. Presently this Department is conducting the MCA Course.

After getting no objection certificate from the Department of Science and Technology, Government of Bihar, the University approached the All India Council of Technical Education (AICTE), New Delhi for approval of the course. After inspecting the infrastructure of the Department, the AICTE, accorded its first approval in 2004 vide its Letter No. PG/MCA/BIH/2004 dated 11/05/2004 to conduct the course with an Intake of sixty students.

The Hon’ble Chancellor of the Universities of Bihar has been pleased to approve the draft ordinance for MCA Course, in exercise of the power vested in him under section 38/(4) of the Bihar State University Act, 1976 as amended upto date. This has been communicated by Governor’s Secretariat, Bihar vide its letter no TMBU - 16/2003-941 /GS (I) dated 6/03/2006. AICTE has been changed MCA program from 03 years to 02 years. Hence The MCA Course shall be of 02 years duration from **2020-21**. (Vide Letter no. **AICTE/ABMCA/2020-21 dated 03.07.2020**.)

Ordinance for admission in MCA Course

[1] Admission and Selection procedure

The University shall hold an Entrance Test for the selection of candidates. The Test shall be conducted in accordance with certain procedure that will match an all India specifications.

- Application forms for Entrance test students shall be applied online by deposit Rs. 750/- (Seven fifty) only for this University and students of other University shall be deposit Rs. 850/- (eight fifty) only.
- Application received shall be processed according to the requisite qualifications and conditions.
- Entrance Test will be held on an all India basis.
- Selected candidates will be called for interview before the final selection is made and the final selection for admission shall be made strictly on the basis of Entrance Test and interview.
- The University reserves the right to take any decision in all matters of admission.

- No candidate shall be permitted to be registered as a student in more than one Master's Course of T. M. Bhagalpur University simultaneously.

[2] Reservation

- Reservation of seats for admission shall be in accordance with the State Government's / T. M. Bhagalpur University's rules. In no case, the percentage of reservation fixed by the State Govt. will exceed.

[3] Eligibility for Admission

- It is also brought to your notice that the above change in the duration of MCA program from 03 years to 02 Years has also been incorporated in the AICTE APH 2020-21 and the eligibility qualification is as below:-

"Passed BCA/ Bachelor Degree in Computer Science Engineering or equivalent Degree. OR passed B.Sc./ B.Com./ B.A. with Mathematics at 10+2 Level or at Graduation Level (with additional bridge Courses as per the norms of the concerned University). Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying Examination"

[4] Intake: **60 (Sixty)**

[5] Fee Structure (For Two Years Courses)

Semester wise fees to paid by the candidate shall be as follows. Fee may be revised by the University, if necessary.

Semester	First (Rs.)	Second (Rs.)	Third (Rs.)	Fourth (Rs.)
Admission Fee	2000/-	-	-	-
Academic Fee	18,000/-	18,000/-	18,000/-	18,000/-
Computer Lab	1000/-	1000/-	1000/-	1000/-
Miscellaneous	1000/-	1000/-	1000/-	1000/-
Total	22,000/-	20,000/-	20,000/-	20,000/-

Beside the above noted fees and charges, each candidate appearing in the University Examination will be required to pay the prescribed examination fee of Rs.1250/- per semester to the university. For NRI's Rs. 1,50,000/- to be paid in Six instalment of Rs.25,000/- per semester, for donor Rs.1,20,000/- to pay in six instalments of Rs.20,000/- per semester.

In addition, the selected students are to pay the Caution Money (Refundable) at the time of admission Rs.1000/-

[6] **Facilities Available**
Hostel Accommodation :

The T.M. Bhagalpur University provides separate hostel for girls & boys. There are limited seats which are allotted to the students by the University as per rules and regulations. Hostel charges per boarder are 3600/- per annum for double bedroom.

Note :-

1. The allotment of seat in hostel is made by the University after filling in prescribed application form which can be procured from the university Central Office on cash payment.
2. Mess facility is also available in the hostels on payment of subsidized charges.

Lecturer Room :

The Computer Centre has well furnished four lectures halls with audio system and projection facilities.

Computer Lab:

There are three Computer Air Conditioned labs having a total of more than 60 computers along with required peripherals. All the computers are connected to network using windows 2000 server and Linux Open server accessible to the windows 8.2 terminals through telnet. The servers are also connected to internet through high speed Broad Band of BSNL.

Power Facility:

To meet the problem of frequent power failure, there is separate generator room with an electric generator of 20 KVA capacity alongwith voltage stabilizers. It is supported with three on-line UPS of 5 KVA in the computer labs.

Library :

The Computer Centre has separate library (besides University library) with a collection of about 4000 books on Computer Science only. The library is being continuously enriched with relevant new books.

[7] MCA Course Structure: The M.C.A. Course is of Two years duration having six semesters.

MCA SEMESTER – I					
Code	Title	Marks of ESE	Marks of CIA	Credit	Total Marks
CSC-1	Computer Organization and Architecture	70	30	4	100
CSC-2	Object Oriented Programming in C++ & Data Structure	70	30	4	100
CSC-3	Operating System & Shell Programming	70	30	4	100
AECC-1	Environmental Sustainability & Swachchha Bharat Abhiyan Activities	50	50	4	100
CSC-4	Practical based on CSC-2 & CSC-3	70	30	5	100
		Total		21	500
MCA SEMESTER – II					
Code	Title	Marks of ESE	Marks of CIA	Credit	Total Marks
CSC-5	Data Communication and Computer Network	70	30	4	100
CSC-6	Advance Java Programming	70	30	4	100
CSC-7	Database Management System	70	30	4	100
CSC-8	Design and Analysis of Algorithm	70	30	4	100
AEC-1	Ability Enhancement Courses	70	30	4	100
CSC-9	Practical based on CSC-6 & CSC-7	70	30	5	100
		Total		25	600
MCA SEMESTER – III					
Code	Title	Marks of ESE	Marks of CIA	Credit	Total Marks
CSC-10	Software Engineering	70	30	4	100
CSC-11	Theory of Computation and Automata Theory	70	30	4	100
CSC-12	Artificial Intelligence	70	30	4	100

CSC-13	.Net Programming	70	30	4	100
AECC-2	Human Values, Professional Ethics & Gender Sensitization	50	50	4	100
CSC-14	Practical based on CSC-13	70	30	5	100
		Total		25	600
MCA SEMESTER – IV					
Code	Title	Marks of ESE	Marks of CIA	Credit	Total Marks
EC-1	Minor Project	70	30	4	100
EC-2	Major Project	70	30	10	100
DSE-1	Discipline Specific Elective	70	30	5	100
		Total		19	300

- CSC – Core Courses
 AECC – Ability Enhancement Compulsory Courses
 AEC – Ability Enhancement Courses
 EC – Elective Courses
 DSE – Discipline Specific Elective

<p>List of Ability Enhancement Courses:</p> <ul style="list-style-type: none"> • Computer and IT Skills • Web Designing • Numerical Analysis • Operation Research • Financial Accounting • Organization Behavior • Discrete Mathematics • Computer Graphics • Python Programming • Others 	<p>List of Discipline Specific Elective:</p> <ul style="list-style-type: none"> • Parallel & Distributed Computing • Cyber Security • Cryptography • Quantum Computing • Machine Learning and Soft Computing • Digital Image Processing & Multimedia • Big Data Analysis • Cloud Computing • Compiler Design • Data warehousing and Data Mining • Android Studio • IOT Development
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

[8] University Examination:

The University Examinations at the end of each semester of the MCA Course will be conducted as per the regulation for MCA Course approved by the Hon'ble Chancellor, Universities of Bihar, Communicated vide Governor's Secretariat Bihar, Letter No. TMBU - 16/2003-803(GS(I)) dated 23.02.2006.

Entrance Test

The written test examination paper will contain question in Mathematics (40%) at 10+2 level, Reasoning (20%), Computer Fundamentals (20%) and English (20%). After written test result, candidates will have to appear at group discussion and interview. Candidates will be selected finally for admission on the basis of marks obtained in written test, group discussion and interview. Reservation policy of the Government of Bihar will be the basis of final selection of 50 applicants for admission. NRI and Donor candidates are exempted from written test. However, if more than 5 applications each under NRI & Donor categories are received the applicants will have to appear at group discussion and interview.

List of the finally selected candidates will be displayed on the Notice Board/web-site of the Computer Centre. Applicants are advised to ascertain their position from the result displayed on Notice Board even though they will also be informed individually on their addresses for correspondence. The Centre will not be responsible for any postal lapse.

Important Dates:	
Form Available from	- Office counter on the case payment Rs. 500/-/DD of Rs. 500/- in favour of TMBU MCA A/c
Last Date of Form submission	-
Date of Test Examination	-
Date of Result publication	-
Date of Group Discussion/Interview	-
Date of publishing of Selection List	
Admission Open From	-
Class Started From	-

List of Enclosures submitted at the time of admission:

1. Three recent passport size Colour/B&W photographs.
2. Photo copy of Mark sheets of 10, 10+2 & Graduation.
3. Photo copy of Certificates of 10th Class.
4. Photo copy of Caste Certificate. (which should be issued by the S.D.O. or higher authority)
5. Photo copy of the College leaving certificate.(The Original C.L.C. must be produced at the time of admission)
6. The original certificates must be produced at the time of admission.
7. AICTE affidavit anti ragging for student and parents

Note : University authority reserves its right to any change of date.