

Information Broucher & Application Form



DEPARTMENT OF COMPUTER APPLICATION

NAAC Accredited Grade "A"
T.N.B. College, Bhagalpur

Price ₹ 500/-
By Post ₹ 550/-



48MP AI QUAD CAMERA
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TNB College, Bhagalpur is the premier constituent unit of Tilka Manjhi Bhagalpur University, Bhagalpur. Established in 1883 by a social worker, educationist and a visionary the Late Tej Narayan Singh and funded by the Maharaja of Banelly State of Purnia, it is one of the oldest institutions of higher education in Eastern India. Earlier affiliated to the Calcutta University and Patna University, it became the first nodal constituent unit of Bhagalpur University in 1960.

The College is situated on the southern bank of the National River Ganga and about 2 km west from Railway Station. Spreading over more than 50 acres of lush green area with heritage building and eco-friendly ambience, it is a place of attraction of the silk city Bhagalpur, a place of attraction with heritage importance of this city.

The institute has a glorious tradition of exemplary discipline, outstanding academic performances and excellence in extra curricular activities. It has produced eminent personalities in the field of Scientific Research, Mathematics, Medicine, Engineering, Social Sciences, Humanities & in Judiciary also.

TNB College maintains its pride and glory even in the adverse situation with the help of its teachers, non-teaching employees, students and the whole citizens of Bhagalpur.

The college kept the pace with modernisation and improved the infrastructure significantly in the last decade. The college is the first unit of TMBU to be accredited by NAAC (National Assessment and Accrediation Council), an autonomous institution of UGC (University Grant Commission) in year 2004 with B*. Again in 2014 it has been reacridited by NAAC with Grade A.

The college provides all the essential facilities that are need of the hour like separate hostel facilities for boys & girls, indoor and outdoor stadium for various games and sports activities, modern laboratories, smart class rooms, pure and chilled drinking water etc.



Three year vocational course in Computer Application was started in 2003, by the order of the then vice-chancellor, T. M. Bhagalpur University, Bhagalpur vide letter no. B/18634 dated 19/21, May 2003, under self-finance scheme. The department has state of the art infrastructure like AC computer labs with broadband connectivity, smart classrooms, updated library with internet facility and photocopier machine, spacious lecture halls and recreation and amenity centre are added attraction.

Students who have passed out from here achieved their goal of life and found placement in software companies, banks, insurance companies and computer training institute etc.

The department is being run by an efficient management committee with principal as the chairman. Other members include the Bursar and the coordinators of all vocational courses of the college like Biotechnology, DPC & functional Hindi.

Department of BCA is the UGC-Networking Resource Centre (NRC) of the college and provides computer awareness training programme to the students of general courses as well as the employees of the college.

Our principal Dr. R. P. C. Verma is the chief administrator of the college. Before joining the cadre of principal he served as the teacher of PG Department of IRPM (Industrial Relation & Personnel Management), TMBU, Bhagalpur.

A successful teacher with social concern and dynamic leadership is the quality adhered to him. He has done his Ph. D. in year 1982 and after that successfully guided eight research scholars and published several papers in national and international journals of social sciences. He is a kind hearted person and an able administrator with spiritual insights.

He always cares for his students, employees and teachers and stands firmly in crisis. He works sincerely for the development and welfare of the college and maintain strict discipline.



ADMISSION PROCESS

- Eligibility: 12th pass with minimum 45% marks in Science having mathematics as one of the subjects.
- Admission of eligible students will be based on admission test and academic records, Admission test will be comprising 90 MCQ type of questions from Physics, Chemistry and Mathematics. The syllabus for the entrance test is of the level of 11th and 12th classes of various Boards (i.e., CBSE/Bihar Board/Jharkhand Board etc.)
- The final merit list will be prepared on the marks obtained in the admission test and of the weightage of marks in 12th class. 0.5 (half) marks will be provided for each percentage over 50% marks.

RESERVATION

Reservation policy of T. M. Bhagalpur University/Govt. of Bihar for admission to SC, ST and BC (I/II) would be followed.

DRESS CODE

For Boys	Light cream coloured full-sleeve shirt and black trousers with Maroon coloured Tie and Black Shoes.
For Girls	Light cream coloured kurti and black salwar with black dupatta.
For Winter	Plain sweaters/blazers

DISCIPLINE

Students of BCA Department will have to abide by the rules and regulations of the college and department.

ATTENDANCE

- 75% attendance in theory as well as practical classes is compulsory.
- Participation in seminars/work shop/assignment are expected from the students.
- Passing in annual examination is essential condition for appearing in university examination.

FEE STRUCTURE

- Course fee : Rs. 6000/- (Six thousand only)
- Caution money : Rs. 1000/- (at the time of admission only)
- Library & Lab. Fee : Rs. 1000/-
- University Exam. Fee : Rs. 1000/-
- College Fee : In addition to the above fees, regular college fees, admission fees, hostel fees etc. as applicable to others students of various honours courses.

HOSTEL FACILITY

For Boys	East Block, West Block, UG Hostel & Sri Krishna Hostel
For Girls	Girls Hostel of TNB College.

FACULTY MEMBERS

Faculty members of BCA department are the regular teachers of the college BCA Department and PG Department as well as guest faculties from engineering colleges/polytechnic and other technical institutions.

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|----------------------------|--------------------|------------------|
| 1. Sri Rakesh Kumar Pandey | 2. Dr. A. K. Sinha | 3. Er. S. C. Rai |
| 4. Dr. G. P. Sah | 5. Uzma Saud | |

SUPPORTING STAFF

- | | | | |
|----------------|-----------------|----------------|---------------------|
| 1. Navin Kumar | 2. Deepak Kumar | 3. Balram Hari | 4. Ramswarup Thakur |
|----------------|-----------------|----------------|---------------------|



DOCUMENTS NEEDED AT THE TIME OF ADMISSION

Following original certificates/documents along with photo copies and recent photographs are required at the time of admission.

- i) Admit card of the admission test
- ii) Matriculation/10th certificate
- iii) Intermediate/12th certificate
- iv) Admit card of 12th examination
- v) Caste/other certificates
- vi) School/College Leaving Certificate
- vii) Character Certificate issued by the institution last attended
- viii) Marksheets 10th and 12th class
- ix) Photocopy of Aadhar card

IMPORTANT NOTES

- a) English will be medium of instruction, test and examination
 - b) The decision of admission committee will be final & can not be challenged before/after the publication of merit list.
- Approaches/convassing in any form will be treated as disqualification.

IMPORTANT CONTACT NUMBERS / E-MAIL ID

Sri Sanjeet Kumar	9905978755
Navin Kumar	9430428348
Sri Shambhu Kumar	9534411274
Sri Deepak Kumar	7545822485

e-mail : tnbbca2003@gmail.com

HOW TO APPLY

Completed application form along with self-attested photocopies of relevant documents is to submitted by registered post/courier/in person to

The Co-coordinator BCA

Department of Computer Application

TNB College, Bhagalpur-812007

or

Application form may be downloaded from the website of the college, www.tnbcollege.org and duly filled along with self-attested photocopies of relevant documents and crossed demand draft of Rs. 550 in favour of The Principal, TNB College, Bhagalpur payable at Bhagalpur may be sent to the above address.

IMPORTANT

1st Semester

BCA - 101 : Computer Fundamental and Programming
BCA - 102 : Mathematics-I
BCA - 103 : Mathematics-II
BCA - 104 : Microsoft Office XP for Windows
BCA - 105 : Principles of Management
BCA - 106 : Programming with ANSI and Turbo C++

2nd Semester

BCA - 201 : Object Oriented Programming with ANSI & Turbo C++
BCA - 202 : Data Structures using C and C++
BCA - 203 : Numerical Analysis
BCA - 204 : Digital Electronics
BCA - 205 : Discrete Mathematics and Financial Accounting
BCA - 206 : Practical

3rd Semester

BCA - 301 : OOPs with C++
BCA - 302 : OOPs with Java
BCA - 303 : Computer Organization & Architecture
BCA - 304 : Database Management System
BCA - 305 : Computer Graphics
BCA - 306 : Practical

4th Semester

BCA - 401 : Operating System
BCA - 402 : UML and JAVA
BCA - 403 : Visual Basic Programming
BCA - 404 : C# Programming
BCA - 405 : Projects (Two Projects based on Theory Paper BCA-403)
BCA - 406 : Projects (Two Projects based on Theory Paper BCA-404)

5th Semester

BCA - 501 : Website Development and Commercial Application
BCA - 502 : Software Engineering
BCA - 503 : NET Programming
BCA - 504 : ASP.NET
BCA - 505 : Projects (Two Projects based on Theory Paper BCA-501)
BCA - 506 : Projects (Two Projects based on Theory Paper BCA-504)

6th Semester

BCA - 601 : Data and Computer Communication
BCA - 602 : Cryptography and Network Security
BCA - 603 : Artificial Intelligence
BCA - 604 : Oracle & Developer
BCA - 605 : Projects (Two Projects based on Theory Paper BCA-603)
BCA - 606 : Projects (Two Projects based on Theory Paper BCA-604)

NOTE: All Theory Paper University Examination 80 Marks And Internal Examination 20 Marks

विश्वविद्यालय कुलगीत

अंग महाजनपद तव वन्दन शुभ संस्कृतिउद्गाता
वागीश्वरी वन्दना-मन्दिर घोर तिमिर दुःख-त्राता

शीश शिखर मन्दार मेरू हियहार गंग की धारा
भक्ति, शक्ति, सभ्यता, सृष्टि की कथा अनंत अगारा
कल्मष सागर मंथन शुभकर ज्योतिष ज्ञान-विधायक
संस्कृति विविध, ऋचा रचनाकर मानव धर्मोन्नायक
वासुपूज्य, अंगेश कर्ण, सति बिहुला तपयुत् गाथा
अंग महाजनपद तव वन्दन शुभ संस्कृति उद्गाता

विक्रमशिला विरासत निधिकृत गर्वोन्नत तवभाल
ऋषि मेंहों दीपंकर दीपित मानस-यज्ञ मराल
शरतचन्द्र, अरविन्द, विवेकानन्द स्तुत्य तप घाम
कवि रवीन्द्र के गीत राष्ट्रकवि दिनकर स्वर अविराम
कोटि वन्द्य तिलकामाँझी, स्वातंत्र्य-यज्ञ हुतिदाता
अंग महाजनपद तव वन्दन शुभ संस्कृति-उद्गाता

भव्य भारती शिखर सुशोभित तव सुत वीर सतीश
मातृभूमि स्वातंत्र्य-समर वलिवेदि समर्पित शीश
कोशी, बड़वानल, चान्दन गुजित तव कथा अपार
शस्य सम्पदा-खचित मालिनी नमन-नमन शतवार
शील, शक्ति, सौन्दर्य, ज्ञान हित नव-नवपथ-निर्माता
अंग महाजनपद तव वन्दन शुभ संस्कृति उद्गाता।
वागीश्वरी वन्दना-मन्दिर घोर तिमिर दुःख-त्राता