

Information Broucher & Application Form



DEPARTMENT OF COMPUTER APPLICATION

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

Price ₹ 500/-
By Post ₹ 550/-

ABOUT COLLEGE



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.

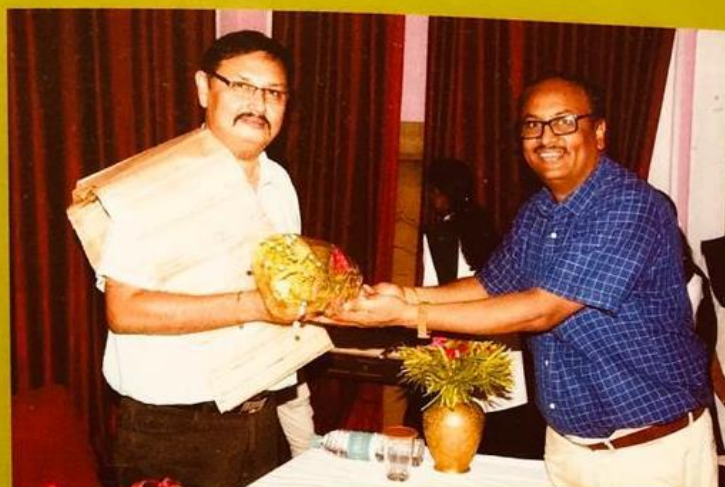
The College is situated on the southern bank of the National River Ganga and about 2 km west from Railway Station. Spreading over more than 50 acres of lush green area with heritage building and eco-friendly ambience, it is a place of attraction of the silk city Bhagalpur, a place of attraction with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



ABOUT THE PRINCIPAL

Born at his native place Bhagalpur in the year 1964, a proud member of an illustrious family of village Bhavnathpur, of Bhagalpur district, he grew to lead one of the oldest and one of the famous institute of higher learning, of this part of our nation.

Educated at Mount Carmel School, Bhagalpur and after that he had to go through many schools because of his father who was working on a transferable job as an Electrical Engineer of Bihar State Electricity Board. He completed his Matriculation from Haridas Seminary High School, Gaya. Did his Intermediate (I.Sc.) from T.N.B. College, Bhagalpur and became a Postgraduate Engineer (M.Tech in Material Technology) from R.I.T. Jamshedpur under Ranchi Univ., after completing his M.Sc. in Physics. He also acquired Ph.D. degree both in Applied physics and Electronics. He has attended several seminars, symposiums and has large number of quality research articles to his credit.

He started his career as a faculty member in the department of Applied Physics in B.I.T. Mesra, Ranchi and was associated with an ISRO Project related to Plasma Science & Technology (Surface Coating). He became Principal, first in the year 2007 under U.P. Technical University and then became permanent Principal in Jai Prakash University, Chapra in the year 2009. In the year 2015, because of Inter University Transfer his services was transferred to T.M. Bhagalpur University. And at present he is the Principal of T.N.B. College, Bhagalpur.

ABOUT THE DEPARTMENT



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, and Drugs and Pharmaceutical Chemistry (DPC).

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.

Department of BCA in Collaboration with Department of Mathematics, TNB College, Bhagalpur would start 12 week certificate course in computer application from the next academic year.



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 100 MCQ type of questions from Physics, Chemistry and Mathematics. English Language 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.

- Sri Rakesh Kumar Pandey
- Dr. Anand Kr. Pandey
- Dr. A.K. Sinha
- Dr. G.P. Sah
- Uzma Saud
- Er. Ravi Bhusan Yadav
- Sri Sanjeet Kumar Sharma

SUPPORTING STAFF

- Sri Navin Kumar
- Sri Shambhu Kumar
- Deepak Kumar
- Balram Hari
- Ramswarup Thakur
- Binod Kumar

ADMISSION



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-ordinator 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

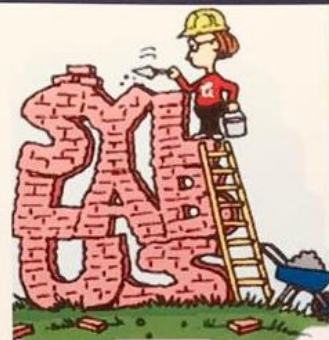
- BCA - 401 : Operating System
- BCA - 402 : UML and JAVA
- BCA - 403 : Visual Basic Programming
- BCA - 404 : C# Programming
- BCA - 405 : Projects (Two Projects based on Theory Paper BCA-403)
- BCA - 406 : Projects (Two Projects based on Theory Paper BCA-404)

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)



SYLLABUS

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



कुलध्वज

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 ज्योतिर 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 मेँहीं दीपंकर दीपित मानस-यज्ञ मराल
शरतचन्द्र, अरविन्द, विवेकानन्द स्तुत्य तप धाम
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 गुंजित तव कथा अपार
शस्य सम्पदा-खचित मालिनी नमन-नमन शतबार
शील, शक्ति, सौन्दर्य, ज्ञान हित नव-नवपथ-निर्माता
अंग महाजनपद तव वन्दन शुभ संस्कृति उद्गाता।
वागीश्वरी वन्दना-मन्दिर घोर तिमिर दुःख-त्राता



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(NAAC ACCREDITED GRADE 'A')

PHONE: 0641-2500930 WEB SITE: www.tnbcollege.org