

BICTE



जन भावना क्याम्पस JANA BHAWANA CAMPUS

Accredited by University Grants Commission (UGC) Nepal (Accreditation Year 2019)

BA | BSW | BBS | BEd | BICTE | MBS

Jana Bhawana Campus, Situated at Godawari-11, Chapagaun, Lalitpur, is a leading academic institution established in 1991 by a team of renowned academicians, educationists and professionals. It has become a QAA certified institution and has been striving forward with potent determination, dedication and well set plan to become an autonomous institution. The college has been running BBS, BA, B.Ed, BSW in yearly system and BICTE, BCA & MBS in Semester System under Tribhuvan University(TU) with a commitment to provide quality education. It is a community college run by a campus assembly which comprises academicians, educationists, social workers and professionals. This academic institution has become successful in achieving outstanding result in the board result of TU. It is committed to impart theoretical and practical quality education. The campus aims to develop its students as the responsible citizens of the country and instill the sense of pride being the Jbian (the students of JBC). "BE A JBIAN, BE A GOOD CITIZEN" is therefore the motto of the campus.

Vision

To become a leading higher education institution which prepares globally competent human resources and transform the society by enhancing quality education.

Mission

To prepare highly qualified, competent and creative human resources to overcome the challenges of life by enabling the students to explore the new avenues of knowledge and prosperity.

Objectives

JBC aims at:

- Creating competent, disciplined, innovative and responsible citizens for the nation
- Enhancing the employment prospects of its students
- Prioritizing research oriented learning methodology and involving the students in research work
- Ensuring quality education
- Inculcating ethical and moral values of life



Bachelor of Information Communication Technology Education (BICTE) is a bachelor's degree program introduced to make students familiar with the modern education systems and computer science, along with the use of information and communication technology focusing on the subjects like Information Technology, Programming, Psychology, Fundamental & Technology in Education, Java Programming Language, Database Management System, Data Communication, and Artificial Intelligence.

BICTE is an undergraduate program offered by Tribhuvan University, under the Faculty of Education. It is a 4-year semester-based program spreading over 8 semesters covering a total of 132 credit hours, which includes 12 credit hours for communication skills courses, 24 credit hours for educational core courses, 60 credit hours for ICT core Courses, 6 credit hours for electives, 15 credit hours for Math and Analytical, 6 credit hours for Life skills, 6 credit hours for teaching internship/practicum.

Salient Features

- In addition to conventional lectures, a great deal of practical and project works.
- Develops the underlying principles of both Education and Information Technology and shows how these principles can be applied to solve real world problems.
- Builds up the skills that are essential for both computer Teacher and researchers including IT managers, Systems Analysts, Network Administrator, Computer Programmers, Database Administrator, Web Developers, etc.

Objectives of BICTE program

- To prepare students for higher studies like master' level programs in the area of Education, ICT or other related field.
- To provide students with better and more extensive learning about Computer Science and ICT concepts like Programming, Algorithms, Database Management Systems, Management Information systems, Data structures, Computer Graphics, Cyberlaw, Artificial intelligence, and other BICT-related subjects.
- To provide theoretical knowledge to the students to build up a deeper understanding and familiarize them with the practical tools and techniques used in the development of computer systems software and technology.
- To develop proficient and passionate human resources outfitted with information technology skills, both qualitative and quantitative for application in the development of the education sector.

Job Prospects

1. Computer Teacher
2. IT Officer
3. Software Developer
4. Web Developer
5. Network Administrator
6. Database Administrator
7. Cryptographer
8. System Analyst
9. Project Manager
10. Document Specialist
11. Information System Auditor
12. Artificial Intelligence Specialist
13. Database Operator

Eligibility

Students who have passed PCL or 10+2 with minimum CGPA 2.1 (not less than C+) are eligible to apply for entrance test. The candidates shall be admitted on merit basis.

Quality Assurance and Accreditation (QAA) system ensures that an institution of higher education fulfills a set of criteria, not only at institutional level but also in its academic programs and performance to offer better results to the society.

Bachelor of Information Communication Technology Education (BICTE)

Course Structure

First Year

First Semester (6*3 = 18 Credit)

S.N.	Course Title
1.	English Language-I
2.	General Nepali-I
3.	Fundamental of Education
4.	Mathematics-I
5.	Introduction to Information Technology
6.	Programming Concept With C

Second Semester (6*3 = 18 Credit)

S.N.	Course Title
1.	English Language-II
2.	General Nepali-II
3.	Development Psychology
4.	Mathematics-II
5.	Introduction to Information Technology
6.	Object Oriented Programming with C++

Second Year

Third Semester (6*3 = 18 Credit)

S.N.	Course Title
1.	Learning Psychology
2.	Data Structure and algorithm
3.	Computer Architecture and Organization
4.	Web Technology
5.	Probability and Statistics
6.	21th Century Life Skill

Fourth Semester (6*3 = 18 Credit)

S.N.	Course Title
1.	Fundamental of Curriculum
2.	Operating System
3.	Database Management System
4.	System Analysis and Design
5.	Numerical Analysis
6.	Leadership and Management

Third Year

Fifth Semester (5*3 = 15 Credit)

S.N.	Course Title
1.	Assessment in Teaching and Learning
2.	Java Programming Language
3.	Data Communication and Networks
4.	Software Engineering and Project Management
5.	Discrete Mathematics

Sixth Semester (5*3 = 15 Credit)

S.N.	Course Title
1.	Research Methods in Education
2.	Visual Programming (.NET)
3.	Computer Graphics
4.	Digital Pedagogy
5.	Network and Information Security

Fourth Year

Seven Semester (5*3 = 15 Credit)

S.N.	Course Title
1.	Research Project
2.	Artificial Intelligence in Education
3.	Teaching Methods for ICT
	Elective I (any one)
4.	Geographical Information System (GIS)
	Big Data Analysis
5.	Capstone Project

Eight Semester (5*3 = 15 Credit)

S.N.	Course Title
1.	Classroom Pedagogy
2.	System Administrator with Linux
3.	Python Programming
	Elective II (any one)
4.	Cloud Computing Multimedia Technology
5.	Teaching Practicum in ICT

Teaching Faculty - BICTE

ICT/Computer Application

Santosh Adhikari, HoD
Niraj Acharya
Santosh Bhandari
Sita Sapkota
Bishal Thapa
Sushant Gautam
Tika Ram Gautam

Mathematics

Sagar Neupane
Nirmal Neupane
Rajkumar Ghimire

English

Govinda Sanjel
Deepak Sharma
Sanjaya Timalisina
Kuber Prasad Bhattarai
Nisha Mahat
Nepali
Rishikesh Acharya
Sachitananda Ghimire
Devi Neupane
Hima Poudel

Visiting Faculty

Prof. Dr. Subarna Shakya, Ph.D. Computer Engineering,
Institute of Engineering, Pulchowk

Dr. Pushpa Raj Rajkarnikar, Ph.D. Trade and Finance
Former CEO, NCC Bank
Former Hon'ble Member, National Planning Commission
Former Deputy Governor, Nepal Rastra Bank

Dr. Mana Mohan Shrestha, Ph.D. Financial Management
Honorary Campus Chief, JBC
Former Director, Nepal Administrative Staff College

Dr. Mukesh Chalise, Ph.D. Ecology, Behaviour
Coordinator Advisory committee, JBC
Associate Professor, TU

Prof. Dr. Keshav Khadka, Ph.D. Economics
Former chairperson, Nepal Bank Limited

Dr. Dilli Raj Khanal, Ph.D. Economics
Former Member, National Planning Commission

Dr. Arun Gupta, Ph.D. English, Professor, TU

Dr. Bamdev Sigdel, Ph.D. Economics
Former Director, Nepal Rastra Bank

Mr. Naba Raj Poudel, Head of Department, CDCSIT, TU

Campus Management Committee

Chairperson : Rabins Sharma
Member : Gajendra Maharjan, Mayor, Godawari Municipality
Member : Char Sundar Maharjan
Member : Ramhari Ghimire
Member : Dilli Ghimire
Member : Ramhari Ghimire
Member : Bed Bahadur Lama
Member : Sagarmani Neupane
Member : Krishna Kumar KC
Member : Rachana Maharjan
Member : Nirmal Neupane
Member : TU Representatives
Member-Secretary : Shiva Raj Sanjel

Advisory Board

Coordinator : Mr. Surendra Mohan Sharma
Member : Naba Raj Silwal, MP, House of Representatives
Member : Chet Nath Sanjel, MP, Province no. 3
Member : Uday Samsher Rana
Member : Ganga Parajuli, CA, Member
Member : Dr. Pusparaj Rajkarnikar
Member : Dr. Bamdev Sigdel
Member : Rishiram Ghimire

Administrative Staff

Sunita Silwal : EMIS Officer
Prabha Maharjan : Accountant
Deepa Mahat : Library Assistant
Nirmal Acharya : Sr. Admin Assistant
Samjhana Ghyaba : Receptionist/ Finance Assistant
Radhika Maharjan : Supporting Staff
Tirtha Maharjan : Supporting Staff
Sarita Dahal : Supporting Staff

Why JBC ?

- Student friendly learning environment
- Well-managed computer lab
- Online lab and free internet facilities
- Online learning portal
<https://janabhawana.egskill.com>
- Well-managed and equipped software and hardware lab
- Qualified, dedicated, well experienced team of teachers
- Personal cum career counseling
- Spacious and manageable classrooms
- Provision of visiting professors
- Well-managed library with a wide variety of books, magazines and newspapers
- English medium classes
- Modern teaching methodology with the provision of workshop, seminar
- Radio Studio with online radio broadcasting
- Well furnished Digital Zoom Studio for International Conference and Seminar Hall
- Regular evaluation system
- Provision of field visit and internship
- Experts facilitating research services to the students
- Guidance to involve the students in socially related project works
- Online news portal
www.jbckhabar.com
- ECA for around development



Affiliated to Tribhuvan University



जन भावना क्याम्पस
JANA BHAWANA CAMPUS

Accredited by University Grants Commission (UGC) Nepal (Accreditation Year 2019)

Godawari Municipality-11
Chapagaun, Lalitpur
Ph.: 01-5265512, 01-5265294
E-mail: info@janabhawana.edu.np
janabhawanacampus@gmail.com
Website: www.janabhawana.edu.np