

BSc. CSIT

Bachelor of Science in Computer
Science and Information Technology

BBA

Bachelor of Business
Administration



Adarsha College

Affiliated to RJU



Itahari-6, Sunsari
56705, Koshi, Nepal



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Empowering Excellence in Education



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Adarsha College, located in Itahari, Sunsari, is a dynamic institution guided by Vishwa Adarsha Academy with a legacy of 28 years dedicated to providing quality higher education and fostering academic excellence. Established with the vision "Empowering Excellence in Education" focusing on innovation, and character development, the college has become a trusted destination for learners seeking academic and professional success.

Beyond academics, the college actively promotes leadership, creativity, community engagement, and extracurricular activities to help students develop into confident and responsible citizens. Regular seminars, workshops, training programs, and industry interactions provide students with valuable real-world exposure and career-oriented skills.

Adarsha College is committed to nurturing future leaders, professionals, entrepreneurs, and innovators who can contribute positively to society and excel in their chosen fields.

Shaping Future Leaders Through Quality Education, Innovation, and Excellence.

Vision

To be a leading institution of academic excellence, innovation, and character development, empowering students with knowledge, skills, and values to become responsible global citizens and future leaders.

Mission

Providing quality education, fostering innovation, and developing responsible leaders for a better future.

Our Values

Passion for Excellence - Commitment to high academic standards, reflected in strong board exam results and competitive success.
Compassionate Commitment - Dedication to student welfare, mentorship, and community responsibility.
Innovative Spirit - Encouraging creativity, research, and practical learning through modern labs and digital classrooms.
Leadership Development - Preparing students to lead in professional, social, and national contexts.
Competence & Creativity - Building skills for problem-solving, entrepreneurship, and adaptability.
Holistic Growth - Focus on personality development, extracurricular activities, and global exposure.

About BBA

The Bachelor of Business Administration (BBA) program at Rajarshi Janak University (RJU) is a comprehensive four-year (eight-semester) undergraduate degree designed to prepare students for successful careers in the dynamic world of business and management. The curriculum aims to develop creative, socially responsible, and result-oriented professionals equipped with critical thinking, problem-solving, communication, and leadership abilities. Graduates of the RJU BBA program are well-prepared for middle-level managerial positions in corporate sectors, banking, entrepreneurship, or for pursuing higher studies like MBA. The program is offered at the university campus in Janakpurdham and through its affiliated colleges across Nepal.

Eligibility for Admission

Completed +2 (12 years of schooling) or equivalent with a minimum of 45% aggregate or CGPA 1.8 (and minimum 'D' grade in each subject). Must pass the RJU Central Management Admission Test (RJU-CMAT) — 100 objective questions (Verbal Ability, Quantitative Ability, Logical Reasoning, General Awareness), each section worth 25 marks. A score of 40% or above is required.



Program Overview

Duration: 4 years (8 semesters).

Total Credits: 120 credit hours.

Structure: It combines business management, social sciences, information technology, and practical skills. The curriculum aligns with international standards for undergraduate business programs.

Focus: Develops socially responsive, creative, and results-oriented professionals for middle-level managerial roles in Nepal and abroad. It emphasizes theoretical knowledge, practical application, critical thinking, problem-solving, communication, and IT skills

Key Features

Holistic curriculum covering management principles, marketing, finance, accounting, economics, business law, and more.

Practical exposure through internships (8 weeks in the final semester, 3 credits), case studies, projects, seminars, workshops, and industry visits.

Options for specialization/concentration in functional areas.

Experienced faculty and modern facilities (library, computer labs).

Preparation for entrepreneurship, corporate careers, or further studies (e.g., MBA).

Career Opportunities

Graduates can pursue roles in

- Marketing & Sales
- Finance & Banking
- Human Resource Management
- Operations & Consulting
- Entrepreneurship
- Further studies (MBA, etc.)



Bachelor of Business Administration

SEMESTER-I		
CODE	TITLE	CR
ENG 101	Business Communication	3
MTH 101	Business Mathematics	3
ECO 101	Micro Economics	3
IT 101	Information Technology for Business	3
MGT 101	Foundations of Management	3
ENG 102	Practicum on Business Comms.	1
Total		16

SEMESTER-II		
CODE	TITLE	CR
MTH 202	Statistical Methods for Business	3
ECO 202	Macroeconomics	3
ACC 201	Financial Accounting	3
SOC 201	Business Sociology & Demography	3
MGT 202	Organizational Behavior	3
ECO 203	Seminar on Macroeconomics	1
Total		16

SEMESTER-III		
CODE	TITLE	CR
ACC 302	Cost Accounting	3
MKT 301	Principles of Marketing	3
FIN 301	Basic Finance	3
IT 302	Database Management	3
HRM 301	Human Resource Management	3
MKT 302	Digital Marketing Practicum	1
Total		16

SEMESTER-IV		
CODE	TITLE	CR
MGT 403	Legal Environment of Business	3
MGT 404	Business Research Methodology	3
FIN 402	Financial Management	3
ACC 403	Management Accounting	3
MGT 405	Business Environment	3
ENG 403	Academic Writing	2
Total		17

SEMESTER-V		
CODE	TITLE	CR
MGT 506	Operation Management	3
MGT 507	Entrepreneurship	3
IT 503	Management Information System	3
ACC 504	Taxation and Auditing	3
TH 501	Philosophy and Theology	3
MGT 508	New Venture Creation	1
Total		16

SEMESTER-VI		
CODE	TITLE	CR
IT 604	Data Analysis and Modeling	3
MGT 609	Business Ethics & Social Resp.	3
MGT 610	Business Strategy	3
MGT 611	International Business	3
-	Specialization - I	3
MGT 612	Experiential Learning	1
Total		16

SEMESTER-VII		
CODE	TITLE	CR
MGT 713	Public Policy Analysis	3
-	Specialization - II	3
-	Specialization - III	3
MGT 714	Project Management for Sus. Bus.	3
MGT 715	Business Simulation	2
Total		14

SEMESTER-VIII		
CODE	TITLE	CR
-	Specialization - IV	3
-	Specialization - V	3
MGT 816	Internship	3
Total		9



Bachelor of Science in Computer Science and Information Technology

Overview:

The Bachelor of Science in Computer Science and Information Technology at Rajarshi Janak University offers a comprehensive curriculum designed to equip students with fundamental knowledge and practical skills in the ever-evolving field of computing. This program prepares graduates for a diverse range of careers in technology, from software development to data analysis, and provides a solid foundation for advanced studies in computer science.

Program Highlights:

Innovative Curriculum:

Our program covers essential topics including programming, database management, network systems, and cybersecurity. Courses are designed to provide both theoretical knowledge and hands-on experience.

State-of-the-Art Facilities:

Students benefit from access to modern laboratories and technology resources, enhancing their learning and practical skills.

Experienced Faculty:

Learn from a team of skilled professionals and academics with extensive industry experience and academic expertise.

Career Opportunities:

Graduates are well-prepared for roles in software development, IT consultancy, system analysis, and more, with many opportunities for internships and industry connections.



Bachelor of Science in Computer Science and Information Technology

SEMESTER I			
CS-101	Discrete Mathematics	3	3
CS-102	Computer Organization	3	3
CS-103	Programming in C	3	3
CS-104	Operating Systems	3	3
CS-105	Database Systems	3	3
CS-106	Computer Networks	3	3
CS-107	Computer Graphics	3	3
CS-108	Computer Security	3	3

SEMESTER II			
CS-201	Advanced Discrete Mathematics	3	3
CS-202	Computer Architecture	3	3
CS-203	Advanced Programming in C	3	3
CS-204	Advanced Operating Systems	3	3
CS-205	Advanced Database Systems	3	3
CS-206	Advanced Computer Networks	3	3
CS-207	Advanced Computer Graphics	3	3
CS-208	Advanced Computer Security	3	3

SEMESTER III			
CS-301	Artificial Intelligence	3	3
CS-302	Computer Vision	3	3
CS-303	Robotics	3	3
CS-304	Computer Simulation	3	3
CS-305	Computer Modeling	3	3
CS-306	Computer Animation	3	3
CS-307	Computer Graphics	3	3
CS-308	Computer Security	3	3

SEMESTER IV			
CS-401	Computer Graphics	3	3
CS-402	Computer Security	3	3
CS-403	Computer Animation	3	3
CS-404	Computer Modeling	3	3
CS-405	Computer Simulation	3	3
CS-406	Robotics	3	3
CS-407	Computer Vision	3	3
CS-408	Artificial Intelligence	3	3

SEMESTER V			
CS-501	Computer Graphics	3	3
CS-502	Computer Security	3	3
CS-503	Computer Animation	3	3
CS-504	Computer Modeling	3	3
CS-505	Computer Simulation	3	3
CS-506	Robotics	3	3
CS-507	Computer Vision	3	3
CS-508	Artificial Intelligence	3	3

SEMESTER VI			
CS-601	Computer Graphics	3	3
CS-602	Computer Security	3	3
CS-603	Computer Animation	3	3
CS-604	Computer Modeling	3	3
CS-605	Computer Simulation	3	3
CS-606	Robotics	3	3
CS-607	Computer Vision	3	3
CS-608	Artificial Intelligence	3	3

SEMESTER VII			
CS-701	Computer Graphics	3	3
CS-702	Computer Security	3	3
CS-703	Computer Animation	3	3
CS-704	Computer Modeling	3	3
CS-705	Computer Simulation	3	3
CS-706	Robotics	3	3
CS-707	Computer Vision	3	3
CS-708	Artificial Intelligence	3	3

SEMESTER VIII			
CS-801	Computer Graphics	3	3
CS-802	Computer Security	3	3
CS-803	Computer Animation	3	3
CS-804	Computer Modeling	3	3
CS-805	Computer Simulation	3	3
CS-806	Robotics	3	3
CS-807	Computer Vision	3	3
CS-808	Artificial Intelligence	3	3

SEMESTER IX			
CS-901	Computer Graphics	3	3
CS-902	Computer Security	3	3
CS-903	Computer Animation	3	3
CS-904	Computer Modeling	3	3
CS-905	Computer Simulation	3	3
CS-906	Robotics	3	3
CS-907	Computer Vision	3	3
CS-908	Artificial Intelligence	3	3

Career Opportunities

- Software Developer / Software Engineer
- Web Developer
- Mobile App Developer
- System Analyst
- Network Administrator
- Database Administrator (DBA)
- Cybersecurity Analyst
- Data Analyst
- Cloud Engineer, IT Officer
- Technical Support Engineer
- Project Manager
- AI and Machine Learning Engineer

Key Components of Teaching Pedagogy

- Class Lectures:
- Group Discussions:
- Seminars & Presentations:
- Case Studies:
- Guest Lectures:
- Role Play & Simulations:
- Research Work & Projects:
- Assignments:



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