

**BBA | BCA
&**

MSW | M.Sc. (Computer Science)

INFORMATION BROCHURE



N.C. AUTONOMOUS COLLEGE

College with Potential for Excellence

NAAC Accredited

Jajpur - 755001

HISTORY OF THE COLLEGE

The College is named after Late Choudhary Narasingha Charan Mohapatra of Kodandapur, the Principal donor of the institution. Founded on June 18, 1945, the college fulfilled a long cherished desire of the people of this area. Classes were held in Jajpur High School till 1952 and thereafter the college was shifted to its present campus that stretches in a serene rural setting, about two kilometers to the west of the historical town of Jajpur.

The college was at first affiliated to Utkal University up to the intermediate level in the faculty of Arts, and subsequently it grew in to a degree in Arts, obtaining affiliation to the same University in 1961. Further affiliations followed in quick succession when the Government took over the management of the college on July 1, 1962. By the end of the 70, it had grown into a full-fledged degree college with honours courses in Arts and Science. The faculty of commerce started working in 1980.

The institution was elevated to a postgraduate college with postgraduate course in History in 1980. The postgraduate department of mathematics started its work in 1990.

The college has sound infrastructure as regards to classrooms, library, computer laboratory, auditorium, separate hostels and gym for boys & girls and playground.

The college marches ahead on the path of glory over the years. It was declared to be one of the lead colleges of the State by the Government in 1990. The college has been accorded autonomous status from the session 1999-2000 and re-accredited by the NAAC in 2011. UGC has selected N.C. Autonomous College under the scheme college with potential for Excellence during the 11th Plan Period vide Letter No. F-12-1/2008.

The Govt. has accorded permission to open BBA and BCA as bachloer degree self-financing courses from the session 2013-14. Later MSW and MSc (Computer Science) have been included as Master Degree Self-Financing courses.

Self Financing Course Programme

Objective.

- Keeping in view the demand of career oriented self financing courses in Jajpur, BBA, BCA, MSW and Msc in Computer Science have been introduced with following objectives.
- Quality teaching through highly experienced faculties of this college as well as from other institutions and Universities.
- Seminar & Group discussion shall be an integral part.
- High tech computer lab facilities for students.
- Soft skill development programme like facing interview, communication skill and public speaking skill shall taught by experts.
- Placement training for on/off campus.

Courses Offered

BACHELOR DEGREE COURSES

BBA (Bachelor in Business Administration) : 48 Seats

BCA (Bachelor in Computer Application) : 192 Seats

Eligibility for Admission

The candidates seeking admission to this course must have possessed the following academic qualifications.

1. +2 Science/Arts / Commerce or equivalent degree accepted by the Principal, N.C (A) College, Jajpur.

MASTER DEGREE COURSES

MSc in Computer Science : 48 Seats
(Master in Computer Science)

ELIGIBILITY

Any graduate with Mathematics in +2

MSW (Master of Social Works) : 48 Seats

ELIGIBILITY

Any graduate with 45% Pass mark

If the results of the qualifying examination has not been published by the time of admission, a candidate may be admitted into BBA, BCA, MSW and MSc (Computer Science) course provisionally as per the merit list, provided that such candidates shall submit their pass result before they fill up forms for the first semester examination failing which their admission into BBA, BCA, MSW and MSc (Computer Science) shall be cancelled without refund of any fees taken at the time of admission.

Reservation and Weightage

The reservation and weightage policy for candidates belonging to SC, ST, PH, and Children of Ex-servicemen of the IAF, children of defense personnel, Sports or Games personnel categories shall be applicable as per the rules followed by the Government guide-lines.

MSc in Computer Science

Course Structure of MSc Under Semester System

Semester-I

- Data structure and algorithms
- Computer system architecture
- Database systems & implementation
- Discrete mathematical structures
- Visual programming (or)
- Objective oriented design using UML
- Algorithms lab
- Database lab

Semester-II

- Computer networks
- Advanced JAVA
- Operating system design
- Theory of computation
- (a) Data mining (or)
- (b) Computer graphics
- JAVA programming lab
- Operating systems lab

Semester-III

- Artificial intelligence
- Software engineering
- Compiler design
- (a) Network security (or)
- (b) Cloud computing
- (a) Embedded system (or)
- (b) Mobile computing
- A1 Programming lab
- Software engineering lab

Semester IV

- Comprehensive viva
- Project work and viva voce

MSW (Master in Social Work)

Course Structure of MSW Under Semester System

Semester - I

- Foundations of social work:
- History, philosophy & values of social work
- Social science concept - I: Social structure, social institutions and social change
- Social science concept - II: Introduction to Political Economy
- Social science concept - III : Psychology for Social work
- Working with individuals & Groups
- Orientation Programme & Observation visit:
- Method workshops
- Seminars Concurrent
- Field work

Semester-II

- Community work, Social action & social change
- Social mobilization, Social movement & Social transformation
- Social policy analysis
- Development approach in social work practice
- Gender in social work practice
- Concurrent field work + rural camp

MSW (Master in Social Work)

Semester III

- Social work research methods workshops
- i) Qualitative & Quantitative methodology
- ii) Writing workshop - Creative & Academic (Research Proposal)
- Social Work practice with SC, ST, OBC & Minorities
- Human Rights approach to social work practice
- Climate change & DRR approach to social works practice
- Agrarian social work
- Natural resource governance & sustainability
- Counseling skills in Social work Any one
- Social works with children & families
- Social work the elderly
- Concurrent filed work + Project work

Semester IV

- i) Social Welfare Management Workshops: Project Planning
- ii) Proposal writing
- Management of community based organisations workshops
- i) Social innovation & Marketing
- ii) Finance & Accounting
- Dissertation Research project
- Preventive & community Health
- Microfinance & Financial inclusion
- New media management for social workers
- Social Works practice in mental health
- Substance abuse prevention & rehabilitation of persons with addictions
- Concurrent filed work + Block placement

BBA (Bachelor in Business Administration)

Course Structure of BBA Under Semester System

Semester-I

Code Subject

| | |
|-----|--|
| 101 | Introduction of business |
| 102 | English language and literature |
| 103 | Quantitative techniques for management |
| 104 | Basic financial accounting |

Semester-II

Code Subject

| | |
|-----|---|
| 201 | Economics |
| 202 | Management accounting |
| 203 | Cost & management accounting |
| 204 | Computer for management (including practical) |

Semester - III

Code Subject

| | |
|-----|--|
| 301 | Psychology for management |
| 302 | Business ethics and corporate governance |
| 303 | Introduction to banking and insurance |
| 304 | Business and corporate law |
| 305 | Communicative English |

Semester - IV

Code Subject

| | |
|-----|-------------------------------------|
| 401 | Financial management |
| 402 | Marketing management |
| 403 | Human resource management |
| 404 | Production and operation management |
| 405 | Environmental studies |

Semester - V

Code Subject

| | |
|-----|---------------------------------------|
| 501 | Organizational behavior |
| 502 | Financial markets and institutions |
| 503 | Advertisement and sales promotion |
| 504 | Management information system and DSS |
| 505 | Indian society and culture |

Semester - VI

Code Subject

| | |
|-----|--|
| 601 | Research methodology |
| 602 | Entrepreneurship and small business management |
| 603 | Organizational change and development |
| 604 | Dissertation and viva-voce |
| 605 | E-business |

BCA (Bachelor in Computer Application)

Course Structure of BCA Under Semester System

Semester - I

AEC-1 : Environmental Science
CC-1 : Digital Logic
CC-2 : Programming using C
GE/IC-1 : Principles of Management
CC-1 Practical : DL LAB
CC-2 Practical : C LAB
GE/IC-1 Tutorial/Practical

Semester - II

AEC-2 : English
CC-3 : Programming using C++
CC-4 : Data Structure
GE/IC-2 : Statistics
CC-3 Practical : C++ LAB
CC-4 Practical : Data Structure LAB
GE/IC-2 Tutorial /Practical

Semester - III

CC-5 : Computer Organization
CC-6 : JAVA Programming
CC-7 : Discrete Mathematical Structures
SEC-1 : Python Programming
GE/IC-3 : Business Accounting
CC-5 Practical : CO LAB
CC-6 Practical : JAVA LAB
CC-7 Practical : DMS LAB
GE/IC-3 Tutorial/Practical

Semester – IV

CC-8 : Operating System
CC-9 : Computer Networks
CC-10 : Database Systems
SEC-2 : Android Programming
GE/IC-4 : Business Economics
CC-8 Practical : OS LAB
CC-9 Practical : CN LAB
CC-10 Practical : Database LAB
GE/IC-4 Tutorial/Practical

BCA (Bachelor in Computer Application)

Semester – V

CC-11 : Web Technology
CC-12 : Software Engineering
DSE-1 : Unix Programming
DSE-2 : Data Mining
CC-11 Practical : Web Technology LAB
CC-12 Practical : Software Engineering LAB
DSE-1 Practical/ Tutorial : Unix Programming LAB
DSE -2 Practical/ Tutorial : Data Mining LAB)

Semester – VI

CC-13 : Computer Graphics
CC-13 : Practical Computer Graphics LAB
CC-14 : Numerical Techniques
DSE-3 : Data Science
CC-14 Practical : Numerical Techniques LAB
DSE -3 Practical/ Tutorial : Data Science LAB
DSE-4 : Project Work

Course Fees

Course Fee of BBA & BCA

| Particulars | 1st Year | 2nd Year | 3rd Year | Total |
|---------------|----------|----------|----------|--------|
| A. Course Fee | 30,000 | 30,000 | 30,000 | 90,000 |

Course Fee of MSW

| Particulars | 1st Year | 2nd Year | Total |
|---------------|----------|----------|--------|
| A. Course Fee | 35,000 | 35,000 | 70,000 |

Course Fee of MSc (Computer Science)

| Particulars | 1st Year | 2nd Year | Total |
|---------------|----------|----------|--------|
| A. Course Fee | 40,000 | 40,000 | 80,000 |

B. **Corpus Fee** As applicable to the students of regular courses decided by the college from time to time

C. **Admission Fee** As applicable to the students of regular courses decided by the college from time to time

Note : This course fee does not include seminar fee and fee for field trip

Admission Process

ONLINE APPLICATION PROCEDURE

Candidates are required to apply Online through the link provided in the Website ncac.in.

Documents to be submitted with the Application Form

A. Self Attested Scanned copies of the following documents

(i) Certificates and mark sheets of qualification examination (intermediate) and matriculation.

(ii) Successful online transaction receipt of Rs.250/-

(Payment to be done to the

Account No. 3271749016, IFSC Code- CBIN0284192,

Central Bank of India, Jajpur Town Branch)

iii) Two passport size photographs are to be scanned and attached at the appropriate in the application form

(iv) Ex-Service man . Serving defence personnel certificate from the competent authority

(v) No Objection Certificate from the employer, if the applicant is employed.

B. Application with all supporting documents must be submitted to sfstudies.nccollege@gmail.com

Offline Application Procedure

i) Candidates can also avail offline application form at College Counter by depositing Rs 250/-

Selection Procedure

Selection Procedure for BBA & BCA

Selection of candidates for admission shall be made on the basis of a Common Entrance Test and career marks. The date of entrance test shall be intimated to the applicants in due course.

The questions of the BCA and BBA Entrance test shall be of objective type on the following topics:

- (i) Basic Computer Knowledge (ii) English Grammar
(iii) Arithmetic

Entrance Test : (one paper with 50 marks)

Duration : 1 hour

Time and date of the entrance test shall be intimated along with the admit card.

Candidates should arrive 30 min. before the test.

Career Marketing out of 50 (fifty)

| Exam | 1st division | 2nd division | 3rd division |
|------|--------------|--------------|--------------|
| HSC | 18 | 15 | 07 |
| +2 | 32 | 24 | 15 |

Selection procedure for MSW & MSc in computer Science

Selection of candidates for admission shall be made on the basis of a common entrance test and career marks. The date of entrance test shall be intimated to the applicants in due course.

The questions of the MSW and MSc. in Computer science entrance test shall be of objective type on the following topics:

- (i) Basic Computer Knowledge

- (ii) Mathematics

- (iii) English

MSW (Master of Social Work)

- (i) General knowledge (ii) English Grammar

Entrance Test (one paper with 50 marks)

Duration : 1 hour

Time and date of the entrance test shall be intimated along with the admit card.

Candidates should arrive 30 min. before

Career Marking out of 50 (fifty)

| Exam | 1st division | 2nd Division | 3rd Division |
|------------|--------------|--------------|--------------|
| HSC | 15 | 12 | 9 |
| +2 | 15 | 12 | 9 |
| Graduation | 20 | 16 | 12 |

DOCUMENTS (IN ORIGINAL) AND FEES REQUIRED AT THE TIME OF ADMISSION

- Originals of all documents submitted along with the application form
- College leaving certificate.
- Three recent passport size photographs
- Undertaking form duly signed.
- Bank Draft (Any Nationalised Bank) in favour of Principal, N.C. (Autonomous) College payable at Jajpur.
- Corpus fee, Admission fees and seminar fees as decided by the college.

OUR ACHIEVERS



MANISHA BHAGAT
TECH MAHINDRA
MSc.CS



SWASTIDEEPA DASH
ICICI
BCA



STITIPRAJNA DAS
MOTHER
MSW



SOMESH PANDA
WIPRO
BCA



ANANYA PRIYADARSHINI
TECH MAHINDRA
MSc.CS



ABHIJIT LALA
TECH MAHINDRA
MSc.CS



FIZA ALI
TECH MAHINDRA, ICICI
MSc.CS



BINAPANI BISWAL
TECH MAHINDRA
MSc.CS



DARAKSHAN NAAZ
TECH MAHINDRA
BBA



SUPRIYA P. SAHOO
TECH MAHINDRA
BBA



ANSHUMAN JENA
WIPRO , TECH MAHINDRA
BCA



RAJALAXMI ROUT
TECH MAHINDRA
BCA



JYOTISMITA SAMAL
DHAN FOUNDATION
MSW



RUPALI PANDA
TECH MAHINDRA, ICICI
BCA



ADNAN SHEKIH
TECH MAHINDRA
BBA



GOUTAM PAUL
WIPRO , TECH MAHINDRA
BCA



SUBHASMITA PATI
TECH MAHINDRA
BBA



SUSOURAV MOHANTY
WIPRO
BCA



PRITI PRAGYAN ROUT
WIPRO / TECH MAHINDRA
BCA



SUSRI ASISA KHNUTIA
ICICI
MSc. CS



GOUTAM OJHA
WIPRO
BCA



NIHAR MOHAPATRA
WIPRO
BCA

OUR GLORIES



ORGANISATIONAL VISIT



CAMPUS DRIVE



FACULTY DEVELOPMENT PROGRAMME



ANNUAL WORKSHOP

Contact Details

COMMERCE BLOCK

ADMISSION ENQUIRES

Principal

N.C. (Auto) College

Jajpur 755001, Odisha

Phone : 06728-222032

Cell : 9861386356, 9583313336, 9337107200

E-mail : sfstudies.nccollege@gmail.com

Website : www.ncac.in

Whatsapp : 7077524359

Facebook : [sfstudiesnccollege](https://www.facebook.com/sfstudiesnccollege)

Twitter : [SELFFINANCINGNC](https://twitter.com/SELFFINANCINGNC)