



Jamshedpur Women's College

(A CONSTITUENT AUTONOMOUS COLLEGE)

College with Potential for Excellence by UGC

“A” Grade College by NAAC, Bangalore

Phone No. : (0657) 2249105/2225586/2941922/2233423

Website: www.jsrwomenscollege.ac.in,

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Three years full time

BCA Vocational Course

Information Brochure

A Message



A milestone was achieved when Jamshedpur Women's College started the B.A./B.Sc./B.Com Honours in Computer Application Course in 2008 as per Ranchi University guidelines. Now as per guidelines of UGC BCA course is going to be introduced from the year 2016. We train the prospective IT Professionals to shoulder

the responsibility of the future generation firmly yet with sensitivity and to value discipline as the bedrock of success. They are provided with every opportunity to explore their potentials and to grow into strong, empowered individuals capable of leading changes in society.

The College provides an academic experience, to help students concretize their plans for the future and to face challenges in life with confidence. At the same time the environment in the campus is tuned to foster understanding and tolerance among the divergent groups of students.

(Dr. Shukla Mahanty)
PRINCIPAL
Jamshedpur Women's College

COLLEGE AT A GLANCE

Jamshedpur Women's College, Jamshedpur (A Constituent Autonomous College) , *with Potential for Excellence awarded by UGC and Graded 'A' by NAAC* is a premier College of the newly created state of Jharkhand committed to the cause of Women's education , development and upliftment . It has come a long and luminous way, starting from its inception in 1953. The vision and dream that its Founder Principal, Mrs. Perin C. Mehta had nurtured and worked hard for its present manifestation as a prestigious college for women in this region, catering educational, cultural and development services to the women of all categories. Located in an area of sprawling 5.334 acre of land, the college comprises five blocks of buildings housing the faculties of B.C.A. , a couple of Hostels besides the play ground and the parking space.

The college has implemented several self financing an Add-On Courses relevant to the regional and national needs to ensure that the students get fully versed in the latest trends, technologies and techniques to galvanize its motto of Women Empowerment.

In its glorious march through the years it has notched up many a milestone. The starting of the BCA by the Faculty of Computer Application and Information Technology of the College, being an important one conducted under the self financing scheme. This course has received recognition from UGC under Kolhan University from the session 2009-10 onwards. This course was initially started under the Ranchi University in the year 2008. The prime objective is to meet the market requirements for various jobs available in the global IT world and enhance the employability of the women of Jharkhand so that women empowerment becomes a reality.

The placement record of our student in various multinational companies like INFOSYS, WIPRO, IBM, HSBC, TCS, WIPRO Technology, GENPACT etc through its placement cell regularly.

Vision

Inspired with the spirit of the motto , “We shall find a way or we shall make a one” the vision of Jamshedpur Women’s College nurtures its students into individuals strong values and equipped with skills and knowledge to face challenges and to contribute to society in effective way. The vision that motivates the college is to reach and retain global standards of excellence in Education, training and research by focusing resources on infrastructure, procuring networking country wide and improving the diversity of the student’s interest and skills.

Mission

Empowerment of women, through education, has been the single-minded mission of this College ever since its establishment. With socio-cultural changes and technological advances, the goals and objectives of the College are being continuously reinterpreted to make them relevant to the needs of women and in the context of prevailing needs of the society. The mission statement of the College is:

Jamshedpur Women’s college is committed to the cause of women’s empowerment through access to education, particularly higher education. Further JWC is committed to provide a wide range of professional and vocational courses for women to meet the changing socio-economic needs, with human values and purposeful social responsibility and to achieve excellence with Quality in every Activity.”

Goals

The goals of Jamshedpur Women’s college emerging from the Vision and Mission are:

- ✓ Provide a wide range of professional and vocational courses for women to meet the socio-economic demands
- ✓ Develop scholarship and research in emerging areas of study, particularly with focus on women’s perspectives
- ✓ Inculcate among women positive self-concept, awareness of women’s issues and rights with a rational outlook towards society
- ✓ Enhance purposeful education with ‘human values’ and social responsibility by participating in outreach programs.
- ✓ Achieve excellence in the academic disciplines, research and extension activities through emphasis on ‘quality in every activity’.

Objectives

1. Develop contextual competency by providing knowledge.
2. Develop conceptual competency with respect to IT Industries & related fields.
3. Develop society oriented transactional competency
4. Develop professional attitude towards to meet the challenges of the ever growing IT.

About the Course

Duration

3 years full time B.C.A. Vocational Course.

Admission Procedure

*The Prospectus with Application Form can be obtained by payment of Rs 300 only in cash at the college counter or through online at website: www.jsrwomenscollege.ac.in The dully filled in application form should be submitted along with attested Xerox copies of mark sheet (I.Sc) admit card, Caste Certificate (ST/SC/OBC) and two self attested envelopes of 25*11 cm size with a stamp of Rs. 5/ pasted on it.*

Eligibility

The candidates who have secured at least 45% marks in the Intermediate or +2 Examination under the disciplines **Science (math science or bio science)** are eligible for admission to the B.C.A. Course .

Reservation

Reservation policies are followed as per Kolhan University rules.

Selection Procedure

*Strictly merit wise based on **academic performance** followed by an **Interview**.*

Course Fee

Each Sem- Rs 10400/- (Rs. Ten Thousand four hundred only) for GENERAL

Each Sem- Rs 8320/- (Rs Eight Thousand Three hundred twenty only) for ST/SC.

Each candidate has to pay Rs. 1500/ as University Examination Fee for each Semester of Examination in addition to other fees.

The fee structure may be revised by competent authority time to time.

Time of interview for B.C.A. : 9:30 a.m.

Important Dates

- **Sale of Prospectus begins on** : **Online Forms are available**
- **Last Date for Sale of Prospectus** : **29th June ,2016**
- **Last date for Submission of Forms** : **29th June, 2016**
- **Date of Interview(B.C.A)** : **6th July,2016**
- **Declaration of Merit List** : **19th July, 2016**
- **Admission** : **11th-18th July, 2016**
- **Classes start on** : **18th July, 2016**

THE BCA COURSE STRUCTURE

SEMESTER I
THEORY
BCA 101 Mathematics -1
BCA 102 Computer Fundamentals & Office Automation
BCA 103 Programming in C
BCA 104 Digital Electronics & Computer Organization
BCA 105 Communication Skills/Technical English
SESSIONAL
BCA 106 C Programming Lab
BCA 107 Office Automation Lab
SEMESTER-II
THEORY
BCA 201 Mathematics –II
BCA 202 Data Structures
BCA 203 Database Management Systems
BCA 204 Computer Architecture and Assembly Language
BCA 205 Managerial Economics
SESSIONAL
BCA 206 Data Structures Lab
BCA 207 Database Lab
SEMESTER –III
THEORY
BCA 301 Probability and Statistics
BCA 302 Operating System
BCA 303 Elective-I
BCA 304 Object Oriented Programming Using C++
BCA 305 Programming in Visual Basic
SESSIONAL
BCA 506 Internet and Web Technology Lab
BCA 507 Advanced Database Lab
SEMESTER –IV
THEORY
BCA 401 Data Communication & Computer Networks
BCA 402 Programming in JAVA
BCA 403 Software Engineering Principles
BCA 404 Environmental Science
BCA 405 Elective II
SESSIONAL

BCA 406 Java Programming Lab
BCA 407 Computer Graphics Lab
SEMESTER V
THEORY
BCA 501 Internet & Web Technology
BCA 502 Advanced Database Management System
BCA 503 Fundamentals of Computer Algorithms
BCA 504 Elective-III
BCA 505 Management Information System
SESSIONAL
BCA 506 Internet & Web Technology Lab
BCA 507 Advanced Database Lab
SEMESTER VI
THEORY
BCA 601 Theory of Computation
BCA 602 Elective-IV
BCA 603 Optimization Techniques
BCA 604 Accounting and Financial Management
BCA 605 Elective-V
SESSIONAL
BCA 606 PROJECT

FACULTY POSITION

PRINCIPAL : <i>DR. SHUKLA MAHANTY</i>
CO-ORDINATOR : <i>DR. B.N. PRASAD ,Associate Professor, Dept. of Mathematics</i>

TEACHING STAFF:	
NAME	QUALIFICATION
<i>Mrs Anita Sagar</i>	<i>MCA</i>
<i>Mrs Susmita Mahato</i>	<i>MCA</i>
<i>Mrs Chaheti Fatima</i>	<i>MCA , qualified NET 2014</i>
<i>Mrs Sangeeta Mahato</i>	<i>MCA</i>

Placement Activity:

The placement record of our students in various multinational companies like **Tech Mahindra, Wipro Tech , IBM Daksh, TCS, Hcl Tech, ABN, Amro Bank and many more MNCs** have visited in our campus and recruited students with nice package .

Year	Companies	Percentage of student
2014	Wipro tech, IBM , TCS	50%
2015	IBM , Wipro tech, concentrix, TCS ignite, HCL	53%
2016	Tech Mahindra, IBM, Wipro tech, TCS ignite, HDFC bank	60%