



Jamshedpur Women's College

(A CONSTITUENT AUTONOMOUS COLLEGE)

College with Potential for Excellence by UGC

“A” Grade by NAAC, Bangalore

Website: www.jsrwomenscollege.ac.in

Three years full time

B.Sc.(IT) Vocational Course

INFORMATION BROCHURE

A Message



A milestone was achieved when Jamshedpur Women's College started the B.Sc. (IT) Course in 2008. 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.Sc.(IT), Science, Arts, Commerce, Library, 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 B.Sc. (IT) by the Faculty 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.

To mould women into dynamic IT professionals, having a vision to transform the nation and the world.

Vision

Inspired with the spirit of the motto, "We shall find a way or we shall make a one" Jamshedpur Women's College nurtures its students into individuals strong value based convictions, sensitive to social environmental concerns and capable of leading chances to shape society to the needs of its citizens. 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 programmes
- 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

Facilities

Hostel facility, Well equipped library, Computer Lab with Internet facility, Audio Visual Class room etc.

Duration

3 years full time B.Sc. (IT) Vocational Course.

Admission Procedure

The Prospectus with Application Form can be obtained by payment of Rs 300 in cash at the college counter or online through college website www.jrwomenscollege.ac.in. The dually filled in application form should be submitted along with attested Xerox copies of marksheet (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

Intermediate Science or 10 + 2 Science with a minimum of 45% marks and Mathematics as one of the compulsory subject is eligible to take admission to the B.Sc. (IT) 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

Rs 10400/- (Rs. Ten Thousand four hundred only)

We have provision for students who come under BPL.

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.

Important Dates

- **Sale of Prospectus begins on** : 26 May 2016
- **Last Date for Sale of Prospectus** : 29th June, 2016
- **Last date for Submission of Forms** : 29th June, 2016
- **Date of Interview(B.Sc.(IT))** : 7th July, 2016
- **Declaration of Merit List** : 9th July, 2016
- **Admission** : 11th-18th July, 2016
- **Classes start on** : 18th July, 2016

B.Sc. (Information Technology)

Year	Paper	Description	Marks		Exam Hours	No. of Lectures
			Theory	Practical		
	1st sem	Theory				
	1a	Computer Programming & Problem Solving 50		3	45	
	2a	Computer Organisation & Architecture 50		3	45	
		Practical		Int+Ext		
1st year	1b	Programming in C		25+25	3	6 Hrs/week
	2b	MS-Office		25+25	3	6 Hrs/week
	2nd sem	Theory				
	3a	Data Structures 50	50		3	45
	4a	Operating Systems 50	50		3	45
		Practical		Int+Ext		
	3b	Data Structures		25+25	3	6 Hrs/week
	4b	Linux(linux command ,Shell script)	25+25	3	6Hrs/week	
	3rd sem	Theory				
	5a	Object Oriented Programming in C++ 50		3	45	
	6a	Data Base Handling Methodology 50		3	45	
		Practical		Int+Ext		
	5b	C++		25+25	3	6 Hrs/week
2nd Year	6b	Foxpro		25+25	3	6 Hrs/week
	4th sem	Theory				
	7a	Data Base Management Systems 50	50		3	45
	8a	Web Technology	50		3	45
		Practical		Int+Ext		
	7b	Oracle		25+25	3	6 Hrs/week
	8b	HTML, DHTML, ASP, Java Script	25+25	3	6 Hrs/week	
	5th sem	Theory				
	9a	Data Communications & Networking 50		3	45	
	10a	Java Programming	50		3	45
	11a	Software Engineering	50		3	45
		Practical		Int+Ext		
	9b	XML		25+25	3	6 Hrs/week
	10b	Java Programming		25+25	3	6 Hrs/week
3rd year	11b	Software Engineering		25+25	3	6 Hrs/week
	12	Mini Project	100	3	30 days	
	6th sem	Theory				
	13a	MIS	50		3	45
	14a	Elective	50		3	45
		Practical		Int+Ext		
	13b	Seminar - Assignment		25+25	3	6 Hrs/week
	14b	Assignment		25+25	3	6 Hrs/week
	15	Industrial Project		200	3	90 days

Faculty Position

Principal Dr. Shukla Mahanty	
Co-ordinator Dr. B.N. PRASAD, Dept. of Mathematics	
Name	Qualification
Ms. Gaytri Kumari Gupta	MCA
Mrs Shaista Jabeen	MCA

Lab Assistant : NIL

Programming Efficiency Skill Test is also being organized by B.Sc.IT department.

Placement Activity:

WIPRO BPO, IBM DAKSH, TCS, HCL Tech., WIPRO Tech., ABN AMRO BANK and many more MNCs have come and recruited our students with handsome Package.

