

***St. Xavier's College,  
Ranchi***

***(An Autonomous College of Ranchi  
University)***

***Syllabi***

***Department of Commerce Vocational  
Studies***

***Honours Programme***

***Bachelor of Vocational***

***(Building Construction Management)***

***Department of Commerce Vocational Studies***  
***Bachelor of Vocational (Building Construction***  
***Management)***

- **Affiliated To-** Ranchi University, Ranchi
- **Approved By-** UGC Approved Three Year Degree Course
- **Duration** - Three (3) Year / Six Semesters
- **Degree Studies** - Full Time
- **Eligibility** - Inter/+2 (Arts/Sci/Com.) With Mathematics
- **Medium of Instruction** - English
- **No. of Seats** - 50 (Fifty)
- **Last date of Application** - 18th June,2014
- **Placement Assistance** - Available
- **For Admission Enquiry Contact** - Dept. of Commerce Vocational Studies, St. Xavier's College,Ranchi

### ***Introduction***

The Building Construction Management provides you with the expertise needed to effectively lead a construction project or business. You'll obtain the technical proficiency, the financial knowledge, the entrepreneurial skills, and the business acumen needed for success in this ever-evolving industry. The curriculum teaches you how to integrate multiple professional requirements for bringing construction projects to successful completion, including estimating, cost control, risk, new technologies, project planning, scheduling, negotiation, and labor relations. The coursework also examines how to manage the various types of contractual relationships governing the owner, the contractor, subcontractors, consultants, and architects, as well as the essential skills of bidding, negotiating, handling disputes and claims, devising and implementing strategic business plans, and leadership.

Through counsel from industry leaders, our advisory board members, faculty members, and colleagues in the construction industry, the curriculum for the St. Xavier's BCM department is continually evaluated against current best practices and the highest standards to give you immediate access to knowledge and skills that address the current issues and developments in the industry.

## ***Career Opportunities***

Today's real estate and construction professionals require the strategic, analytical, and leadership skills—as well as the sophisticated technical expertise—to anticipate and to adapt to the dynamic forces that are constantly reshaping the industry. Sustainability, for example, has become an industry touchstone, changing the context for real estate investment and construction decision making through regulatory and policy developments.

The Bachelor In Building Construction Management program at St. Xavier's College Ranchi empowers you with the theoretical and applied knowledge necessary to propel your career forward in areas such as global project management, sustainable development, LEED certification, green building techniques, repositioning of distressed projects, the reclamation of brownfields for usable space, and many other specializations.

If you new to the field, you will learn to synthesize what you gain in our program and to apply your knowledge to move forward professionally, while creating growth and improving communities through building for the current and future needs of society..

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**Course Curriculum**

<b>Sem</b>	<b>Paper</b>	<b>Title of Course</b>	<b>Marks</b>	<b>Credit (CRT+GA+NGA)</b>	<b>Exit Status</b>
<b>I</b>	<b>I</b>	<b>Management Theory &amp; Organization Behaviour</b>	<b>100</b>	<b>3+1</b>	<b>D I P O L A M A</b>
	<b>II</b>	<b>Construction Materials &amp; Application</b>	<b>100</b>	<b>3+1</b>	
	<b>III</b>	<b>Basics of Civil Construction</b>	<b>100</b>	<b>3+1</b>	
	<b>IV</b>	<b>Construction Economics</b>	<b>100</b>	<b>3+1</b>	
	<b>V</b>	<b>Project &amp; Viva voce</b>	<b>100</b>	<b>2+0+12</b>	
<b>II</b>	<b>VI</b>	<b>Civil Auto CAD-I</b>	<b>100</b>	<b>3+1</b>	
	<b>VII</b>	<b>Basic Mathematics</b>	<b>100</b>	<b>3+1</b>	
	<b>VIII</b>	<b>Structure</b>	<b>100</b>	<b>3+1</b>	
	<b>IX</b>	<b>Construction Personal Management</b>	<b>100</b>	<b>3+1</b>	
	<b>X</b>	<b>Project &amp; Viva voce</b>	<b>100</b>	<b>2+12</b>	
<b>III</b>	<b>XI</b>	<b>Construction Marketing Management</b>	<b>100</b>	<b>3+1</b>	<b>A D V A N C E D I P L O M A</b>
	<b>XII</b>	<b>Construction Safety Management</b>	<b>100</b>	<b>3+1</b>	
	<b>XIII</b>	<b>Civil Auto CAD-II</b>	<b>100</b>	<b>3+1</b>	
	<b>XIV</b>	<b>Construction Material &amp; Application –II</b>	<b>100</b>	<b>3+1</b>	
	<b>XV</b>	<b>Project &amp; Viva voce</b>	<b>100</b>	<b>2+12</b>	
<b>IV</b>	<b>XVI</b>	<b>Building Management System</b>	<b>100</b>	<b>3+1</b>	
	<b>XVII</b>	<b>Civil Survey</b>	<b>100</b>	<b>3+1</b>	
	<b>XVIII</b>	<b>Construction Financial Accounting</b>	<b>100</b>	<b>3+1</b>	
	<b>XIX</b>	<b>Advanced Construction Technology</b>	<b>100</b>	<b>3+1</b>	
	<b>XX</b>	<b>Project &amp; Vice voce</b>	<b>100</b>	<b>2+12</b>	
<b>V</b>	<b>XXI</b>	<b>Project Estimation &amp; Cost Analysis</b>	<b>100</b>	<b>3+1</b>	<b>B. V O C.  D E E G R E E</b>
	<b>XXII</b>	<b>Material Procurement &amp; Store Management</b>	<b>100</b>	<b>3+1</b>	
	<b>XXIII</b>	<b>Infrastructure Development &amp; Project management</b>	<b>100</b>	<b>3+1</b>	
	<b>XXIV</b>	<b>Construction Quality Management</b>	<b>100</b>	<b>3+1</b>	
	<b>XXV</b>	<b>Project &amp; Viva voce</b>	<b>100</b>	<b>2+12</b>	
<b>VI</b>	<b>XXVI</b>	<b>Construction &amp; International Contracting</b>	<b>100</b>	<b>3+1</b>	
	<b>XXVII</b>	<b>Entrepreneurship Development Programme</b>	<b>100</b>	<b>3+1</b>	
	<b>XXVIII</b>	<b>Project Management Technique</b>	<b>100</b>	<b>3+1</b>	
	<b>XXIX</b>	<b>Green Technology</b>	<b>100</b>	<b>3+1</b>	
	<b>XXX</b>	<b>Project &amp; Viva voce</b>	<b>100</b>	<b>2+12</b>	

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- 1. Marks are based on 30:70 system. 30 marks is allotted for the Mid-Semester Examination and 70 marks is allotted for the End-Semester Examination.**
- 2. Honours Course Number –V,X,XV,XX,XXV,XXX) : Marks are divided on 50:50 Marks Systems. 50 marks is allotted for the Internal Project Assessment & Presentation and 50 Marks is allotted for the External Viva voce.**
- 3. Pass marks for each course is 45 (Total Combined marks of mid semester examination, internal assignment, attendance and End Semester Examination)**
- 4. 1 Credit = 15 Learning Hours, Total Credit for the Programme is 180**
- 5. CRT=Class Room Teaching , GA =Guided Assignment, NGA=Non Guided Assignment.**