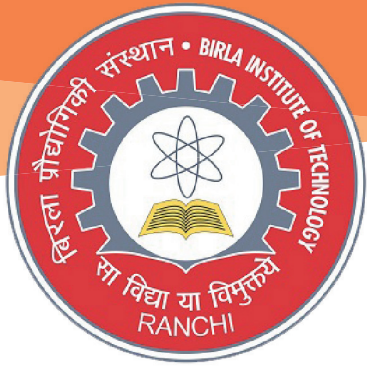


**Birla Institute of Technology**  
Mesra, Ranchi India

**Department of Architecture**  
**Brochure - Training & Placement**







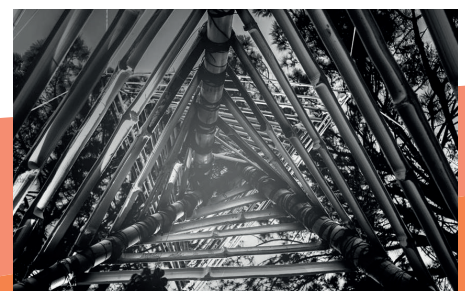
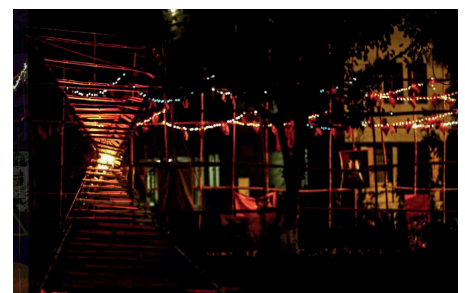
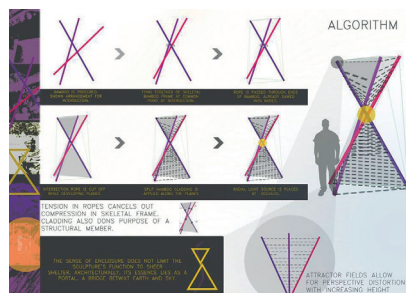
# Birla Institute of Technology Mesra, Ranchi India

## Department of Architecture

The **Department of Architecture** was established at BIT Mesra in the year **1993**, in keeping with the multifarious scope of Architecture as the art and science of designing spaces and adding value to a meaningful, built environment. It is a subject which is a combination of faculties of engineering, science as well as arts. The programme is a balanced combination of all these streams, yet follows a unique pedagogical methodology that is its hallmark.

Since 2010, Outlook magazine has been ranking the Department of Architecture, BIT Mesra among the **top 10 Indian institutes imparting architectural education**

The Department ranked 5th among all colleges of Architecture in India as per the survey of Eduways in 2013. Many pursue higher studies in India and abroad in City Planning, Urban Design, Landscape Architecture, Conservation, Construction Management - to name a few.





For over **five decades**, BIT Mesra (located 16 kms from Ranchi, the Jharkhand state-capital) has been engaged in nurturing minds through a rich heritage of academic excellence. Essentially a hub of bustling student activities, the beautiful campus has been a second-home to thousands of students in their journey to challenge the times.

Established in 1955 by the visionary-industrialist Mr. B.M. Birla, it is today one of the most premier higher education destinations in India.

#### **A few 'firsts' for BIT**

BIT is the first Institute to:

- Establish a department dedicated to Space Engineering & Rocketry way back in 1964.

- Introduce the concept of Small Industries Entrepreneurs' Park, which has become very successful since then.

- Provide 'nursery sheds' and central designing and workshop facilities to young entrepreneurs. It also facilitated the initial project funding.

- Establish overseas extension centres in the year 2000.

- It is one of the few Universities to be accorded a Super Computer at the core of its ultramodern IT infrastructure.

#### **International Ventures**

The Institute has made significant forays into international academics by becoming a part of international ventures and tie-ups. BIT Mesra has collaborative arrangements with Universities in the USA, UK & Canada. It is also an active member of the 'EAGER NETWIC' Project under the Asia Link programme of European Commission. This is to establish a world-class academic network of higher education in the rapidly growing field of Wireless and Mobile Communication between the five partner Universities.

The department offers a **five year Bachelor of Architecture course**, admission to which is in conformation with the Regulations of Council of Architecture, India.

The department also offers the degree of **Master of Urban Planning**, approved by AICTE and the Institute of Town Planners, India (ITPI).

The Department of Architecture invites research applications throughout the year and currently eight scholars are enrolled in its **Ph.D. programme**.



BIT is the **Resource Institute for the State of Jharkhand for Disaster Management programmes**. The architecture department had jointly organized with the Department of Civil engineering four short-term courses for **National Capacity Building Programme for Engineers and Architects in Earthquake Risk Management** (NCBPEERM)

The Department has the rare feat of being the first ever academic institute of Architecture to be awarded research grants under the **Department Research Support** (DRS) level of the Special Assistance Programme (SAP) of the University Grants Commission (UGC).

The department is also closely associated with training institutes like Sri Krishna Institute of Public Administrators (ATI), Ranchi and National Institute of Foundry and Forge Technology, Ranchi. Faculty members of the department regularly visit these institutes to deliver lectures in varied subjects related to Architecture, Urban Planning, Transportation Planning, Disaster Management, GIS, Steel Structure and the like.

**ABACUS** (ISSN: 0973-8339)

Since **2006**, the Department publishes a **bi-annual journal on Architecture, Conservation and Urban Studies** named ABACUS. The journal is refereed by an international panel of eminent architects and planners from the field of academics and industry.

With the first issue released in Monsoon 2006, BIT created another milestone by pioneering the first ever researched journal in the field of Architecture and Planning being published from an academic institution.

**SSA WORKS( Student Society of Architecture)**

**Workshops conducts-**

Ps, rhino, sketchup, autocad, revit, lumion, grasshopper,  
Per semester

**Interactive -**

Model making, bamboo workshop, handrafting sketching, painting, building material workshop, photography workshop

**IGBC Workshop, G Shanker, Birla White Workshop, Pavilion, Habitat Group**



**STUDENTS' SOCIETY OF  
ARCHITECTURE**

Ms. Vaishaly has won **First Prize in National Award Competition 2016** conducted by **INSDAG**. Mr. Dipon Bose has been awarded **Best Architecture Student of the year 2016** **Transparence 15**, Mr. Karan Dhawan **Zonasa 2016 3rd overall**

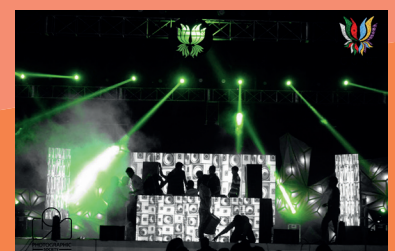
**Nari Gandhi**

**Rubens**

**Landscape design,**

**Main design**

**Covention, Writing architecture**



**The course structure** is poised between theoretical knowledge and its practical application with ample application-based lab subjects evenly distributed throughout the syllabus. the practical orienation of working in an actual office is also taken care of in the Practical Training subject in the final year of the course.

Students also get a scope to exercise theapplicability of the entire course learning in the Final Year Thesis dissemination.

Principles of Architecture  
Mathematics for Architects  
Primary Building Materials  
Fundamentals of Unix and C Programming  
History of Architecture  
Theory of Design  
Building Construction  
Creative Workshop  
Building Services  
Computer Application in Architecture  
Structural Mechanics  
Surveying  
Site Planning & Landscape Architecture  
Concrete Structure  
Structural Design rcc  
Depth Elective  
Structural Design (Steel)  
Specification ,Estimation and Costing  
Steel Structures  
Management, marketing  
Structural Concepts in Architecture  
Housing and Settlement System  
Interior Design  
Principles of Human Settlements & Urban Design  
City & Metropolitan Planning  
Introduction to Thesis Project & Research Methodology  
Industrial Architecture  
Professional Practice and Tendering Process



**Structural subjects are strictly taken by civil department professors**

**Photoshop, autocad, sketchup, rhino, vray, ms office, lumion, revit**



**Training & Placement Division, BIT, Mesra, welcomes recruiters for participation in the**

**1. CAMPUS RECRUITMENT PROGRAMME** for B.E. Final year students.

**2. SUMMER INTERS RECRUITMENT PROGRAMME** for B.E. Pre-final year students for a period of 6-8 weeks of internship.(15th May -15th July).

**SELECTION PROCESS:**

- **OPTION 1** – You may plan to visit the campus for the purpose of selection of candidates, for which we would facilitate the process and host your stay at the luxury of our Campus Guest House.
- **OPTION 2** – You may prescribe us the eligibility requirements and the requisite number of students, according to which the Placement Office shall carry out the screening process and forward you the resumes. Further screening process can be done remotely in accordance with your jurisdiction.

For further details, contact the office of the training and placement division

E-mail: [Placement@bitmesra.ac.in](mailto:Placement@bitmesra.ac.in)

Ph.No. : 0651-2275566