# At BIT Mesra, intends to recruit Assistant Professors as faculty members on full time/contract positions for their various campuses on salary in accordance with UGC guidelines; Salary Band : AS per UGC guidelines, AL 10 + DA ( Basic 57,700 – 7th CPC). Annual provisions for various leaves, including Casual Leave (CL), Half Pay Leave (HPL), and Earned Leave (EL), are available in line with UGC norms. New faculty members are offered proper housing on campus to ensure a comfortable living environment; in cases where on-campus accommodation is unavailable, an extra Allowance is provided to cover for rented accommodation outside the campus. Additionally, the institute offers comprehensive health insurance coverage & free OPD services at BIT Dispensary/Health Centre for the immediate family members of faculty members, ensuring effective healthcare support. These benefits aim to provide a supportive and enriching work environment for the new faculty members at BIT Mesra. Various National & International grants are available for faculty members to conduct research and attend conferences.

Important Points to remember for applicants:

* Who can apply
  + **Age:** Preferably below 40 years for the post of Assistant Professor. (Desirable)
  + **Fresh PhD candidates who can show proof of their Thesis submission before 30th April 2025 are eligible to Apply.**
  + Mandatory Educational Qualification: For All Positions, PhD in relevant field
  + **Eligibility:** UG, PG , PhD degree in directly relevant/associated subjects only.
* **Desired Attribute:** (i) good technical & communication skills and ability to inspire students. (ii) strong knowledge of fundamentals and (iii) inclination to pursue effective and vital research goals. (iv) Post PhD teaching & research experience (v) Passionate for research and publications. Good Teamwork and positive approach.
* There are no provisions for hard copy submission.
* All applications are to be submitted Online using the BIT Portal & applications must be accompanied with Two References from Academia (to be uploaded in the online application portal)
* All Scanned copies of Educational Certificates & Work Experience Documents along with Reference letters must be scanned as One Single Document(pdf) and uploaded in the Online Application Portal (Single File not more than 5 mb) Please do not upload multiple files (scanned copies) PDF only
* Application submission deadline: 25th May 2025 before 5 pm.

# Animation, Noida (Assistant Professor)

Introduction: Focuses on advanced skills in digital arts, animation, and VFX.

Teaching & Research: 3D Modelling & Animation; Texturing, Lighting & Rendering; Rigging & Skimming; 3D Dynamics & Simulations; 2D Digital Animation.

Facilities: Animation Studios; Rendering Workstations; Motion Capture Facilities.

Link: <https://bitmesra.ac.in/edudepartment/10/156>

Specialization for Recruitment: 3D Modelling, Texturing, Lighting & Rendering, Rigging & Skimming, 2D & 3D Animation

Essential Qualification: Bachelors in Animation, Fine Arts, Design, or related field. M.Des/MFA or advanced certifications in animation/VFX.

Experience (if any) Industry experience in animation or related areas.

# Architecture, Mesra (Professor of Practice)

Introduction: Established in 1993, focuses on sustainable design, urban and regional planning.

Teaching & Research: Architectural Design; Building Technology; Sustainable Development.

Facilities: Design Studios; Climatology Lab; Material Museum; CAD Labs.

Link: <https://bitmesra.ac.in/edudepartment/1/49>

Specialization for Recruitment: Core architectural design.

Essential Qualification: Bachelors in Architecture (B.Arch.) or equivalent. M.Arch or PhD.

Must Have Experience - 20+ years of professional architectural practice.

Age: Below 65 Years.

# Chemistry, Mesra (Assistant Professor)

Introduction: Core and applied chemistry with emphasis on organic synthesis.

Teaching & Research: Organic Chemistry; Green Chemistry; Nanomaterials.

Facilities: Spectroscopy Labs; Analytical Instrumentation; Synthesis Labs.

Link: <https://bitmesra.ac.in/edudepartment/1/51>

Specialization for Recruitment: Organic Chemistry.

Essential Qualification: M.Sc. in Chemistry. MTech / MSc in Chemistry or related areas.

Experience (if any) Research experience in chemical sciences.

# Chemical & Food Technology Engineering, Mesra (Assistant Professor)

Introduction: Covers chemical process engineering and materials science.

Teaching & Research: Catalysis; Energy/Sustainable Engineering; Electrochemical Applications; Theoretical Chemical Engineering.

Facilities: Pilot Plant; Reaction Engineering Labs; Computational Simulation Facilities.

Link: <https://bitmesra.ac.in/edudepartment/1/53>

Specialization for Recruitment:

Chemical Engg: All areas of Chemical Engg. Including Catalysis, Energy/sustainable Engg., Active soft matter, Electrochemical applications, theoretical chemical Engg. etc

Food Technology/ Food Process Engineering/Experimental and AI/ML/CFD Application in Food Processing, Biochemical Engg. and allied areas, Reaction Engg

Essential Qualification: B Tech in Chemical Engineering & B Tech in Food Technology , M.Tech in Chemical Engineering ; M Tech in Food Technology

Experience (if any) Industry or academic experience in chemical process engineering.

# Civil & Environmental Engineering, Mesra (Assistant Professor)

Introduction: Focuses on infrastructure development and environmental sustainability.

Teaching & Research: Structural Engineering; Water Resources; Transportation Engineering; Geotechnical Engineering.

Facilities: Structural Labs; Environmental Engineering Labs; Surveying Equipment.

Link: <https://bitmesra.ac.in/edudepartment/1/52>

Specialization for Recruitment: Structural and Water

Essential Qualification: B.Tech in Civil/Environmental Engineering. M. Tech in Civil Engineering

Experience (if any) Industry experience in infrastructure and environmental projects.

# Computer Science & Engineering (All Campuses) (Assistant Professor)

Introduction: Leading department in computing technologies and software development.

Teaching & Research: Design & Analysis of Algorithms; Computer Organization & Architecture; Theory of Computation; Cryptography & Network Security; Compiler Design; Big Data Technologies; AI & Machine Learning; Image Processing; Data Analytics.

Facilities: High-Performance Computing Cluster; IoT and Cloud Computing Labs; Software Development Environments.

Link: <https://bitmesra.ac.in/edudepartment/1/55>

Specialization for Recruitment: AI/ML, Cybersecurity, Big Data, Data Analytics, Design & Analysis of algorithms, Cryptography, Compiler design, Network Security, Computer Architecture, Image Proc

Essential Qualification: B.Tech in Computer Science/Engineering or equivalent. M.Tech in Computer Engineering

Experience (if any) Industry or research experience in computing and software.

# Electronics & Communication Engineering, Mesra (Assistant Professor)

Introduction: Covers electronic devices, communication systems, and VLSI.

Teaching & Research: Wireless Communication; Microwave Engineering; Instrumentation; VLSI/Microelectronics; Digital Signal Processing.

Facilities: VLSI Lab; Communication Systems Lab; Microwave and Instrumentation Labs.

Link: <https://bitmesra.ac.in/edudepartment/1/56>

Specialization for Recruitment: VLSI design, wireless communication, Instrumentation, Signals processing,

Essential Qualification: B.Tech in Electronics & Communication Engineering. M.Tech in Electronics Communication engineering

Experience (if any) Industry experience in electronics/communication.

# Management, Mesra (Assistant Professor)

Introduction: Develops skilled management professionals since 1979.

Teaching & Research: Marketing; Finance & Accounting; Human Resource Management.

Facilities: Smart Classrooms; Business Simulation Labs; Case Study Library.

Link: <https://bitmesra.ac.in/edudepartment/1/58>

Specialization for Recruitment: HRM; Finance & Accounting.

Essential Qualification: MBA or equivalent postgraduate management degree. MBA in HRM/Finance

Experience (if any) Industry or teaching experience in management.

# Mathematics (Mesra, Patna & Noida) (Assistant Professor)

Introduction: Provides core training in pure and applied mathematics.

Teaching & Research: Pure Mathematics; Applied Mathematics; Computational Mathematics; Statistics.

Facilities: Mathematical Modelling; Simulation Labs; Statistical Software Environments.

Link: <https://bitmesra.ac.in/edudepartment/1/60>

Specialization for Recruitment: Mathematics and allied areas.

Essential Qualification: M.Sc. in Mathematics or Statistics. M Tech. in Mathematics/Statistics.

Experience (if any) Academic or research experience in mathematics.

# Mechanical Engineering, Mesra (Assistant Professor)

Introduction: Encompasses mechanics, thermodynamics, and manufacturing.

Teaching & Research: Robotics & Automation; Thermal Engineering; Mechanical Design; Hydraulic & Pneumatic Control; Renewable Energy Systems.

Facilities: CAD/CAM Labs; Thermal Engineering Lab; Robotics Workshop.

Link: <https://bitmesra.ac.in/edudepartment/1/59>

Specialization for Recruitment: Robotics; Automation, Thermal Systems, Hydraulics, Pneumatics, Green Energy, Design,

Essential Qualification: B.Tech in Mechanical Engineering. MTech in Mechanical Engg

Experience (if any) Industry or research experience in mechanical engineering.

# Physics, Mesra (Assistant Professor)

Introduction: Advances fundamental and applied physics research.

Teaching & Research: Astrophysics; Nuclear & Particle Physics; Nanotechnology.

Facilities: Nuclear Physics Lab; Nanomaterials Research Lab; Astrophysics Instruments.

Link: <https://bitmesra.ac.in/edudepartment/1/61>

Specialization for Recruitment: Astrophysics; Nuclear Physics. M.Tech in Astrophysics/Nuclear

Essential Qualification: M.Sc. in Physics.

Experience (if any) Research experience in physics.

# Space Engineering & Rocketry, Mesra (Assistant Professor)

Introduction: Pioneers aerospace research, rocketry, and satellite technology.

Teaching & Research: Navigation; Guidance & Control; Aerospace Materials & Structures.

Facilities: Propulsion Lab; Wind Tunnel; Satellite Technology Lab.

Link: <https://bitmesra.ac.in/edudepartment/1/63>

Specialization for Recruitment: Navigation, Guidance & Control, Aerospace materials

Essential Qualification: B. Tech in Aerospace or allied .M. Tech in Aerospace Engg

Experience (if any) Research or industry experience in aerospace.

# Centre for Quantitative Economics & Data Science (CQEDS), Mesra (Assistant Professor)

Introduction: Interdisciplinary hub for economic modeling and data analytics.

Teaching & Research: Econometrics; Data Science; Statistical Modelling.

Facilities: Statistical Software Labs; Data Analytics Infrastructure.

Link: <https://bitmesra.ac.in/edudepartment/1/65>

Specialization for Recruitment: Economics; Data Science, Statistics; M Tech in Economics/Data Science/Statistics

Essential Qualification: M.A./M.Sc. in Economics or Data Science.

Experience (if any) Research or industry experience in data analytics.

# Humanities & Social Sciences (HSS), Mesra (Assistant Professor)

Introduction: Develops critical thinking and soft skills through social science disciplines.

Teaching & Research: Sociology; Psychology; Philosophy; Creative Arts & Culture.

Facilities: Language Labs; Behavioral Research Labs; Seminar Halls.

Link: <https://bitmesra.ac.in/edudepartment/1/62>

Specialization for Recruitment: Social Sciences; Humanities, Psychology, Sociology, Philosophy, Creative ART & Culture

Essential Qualification: M.A. in relevant discipline. Masters in Humanities/Social Sciences.

Experience (if any) Teaching or research experience in HSS.

**Kind Attention:**

Selected Candidates may be posted at Birla Institute of Technology, Mesra, or any of its off campuses at Patna/Deoghar/Lalpur (Ranchi)/NOIDA and Jaipur.

**Application procedure:**

1. Pay the online fee at sbi collect portal using the link below.
2. Click here to pay the application fee <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>
3. Select Institutions and search for Birla Institute of Technology Jharkhand
4. Select Payment Category: FACULTY RECRUITMENT & Recruitment for: Select “FACULTY RECRUITMENT 2025, Fee: General Rs 1770 and for Reserved Category Rs 1180
5. Once the online application fee is paid; keep the SBI Collect Payment reference number handy.
6. Click on the New Registration red button.
7. Enter Full Name, email id and phone number to receive the OTP and enter the SBI Collect Payment reference number.
8. Now Click red button at the bottom right end corner to Login.
9. Now check your email for the user id and password and relogin to fill in the online form.

**Deadline:** Submit the Online application by 5 pm of May 25th, 2025 & In case of any trouble while filling out the advertisement, reach out to us at hr@bitmesra.ac.in

The Institute does not entertain any form of canvassing nor request for a refund of fee.