



BITS Pilani
Dubai Campus

Career Opportunity
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BITS Pilani, Dubai Campus

Position Title	Lab Instructor – Mathematics (2 Positions)
Appointment	Full-time
Reporting to	Head of the Department
Department	General Sciences
Location	Dubai, UAE
About BITS-Pilani Dubai Campus (https://www.bits-pilani.ac.in/dubai/)	BITS Pilani, Dubai Campus (BPDC) is the international campus of Birla Institute of Technology and Science, Pilani, India and is located at the Dubai International Academic City. Set up in the year 2000, it is among the pioneer institutions in Dubai, offering high-quality engineering, technology and management education. It attracts a diverse student population from UAE, other GCC countries, Asia, Africa and the Far East. BPDC is approved by the University Grants Commission and Ministry of Education, Government of India and licensed and accredited by the Ministry of Higher Education and Scientific Research, Government of UAE. BITS Pilani has been granted the status of "Institute of Eminence" by Government of India. BITS Pilani, Dubai Campus has been awarded a 5-star rating by the Knowledge and Human Development Authority (KHDA) in partnership with QS in 2022, recognizing our excellence in teaching, research, employability, and internationalization. BPDC offers B.E & M.E programs in engineering and allied disciplines along with BBA (Hons) & M.B.A in management studies. BPDC also offers Ph.D. programmes in all disciplines, with nearly 2500 students from over 16 countries. The dynamic and vibrant campus has modern infrastructure and teaching/research facilities that enables BPDC to deliver a well-rounded education in an international environment by highly qualified faculty. Smart classrooms, cutting edge laboratory facilities with the latest equipment, a 24/7 Creative Laboratory, and high-definition video conferencing facilities that connects BPDC with the campuses in India are some of the value-added features of BPDC. The Practice School, an internship program embedded in the course structure organized in partnership with over 300 companies, facilitates



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	industry attachment for students in preparation for their future careers.
BPDC as a preferred workplace	BPDC provides an inclusive and supporting environment where you can grow your professional and personal self. BPDC is the place for you if you have the passion to make a difference.
Institutional Responsibilities and Accountabilities	• Act at all times in accordance with the BITS Pilani Dubai Campus's approved code of conduct. • Work in accordance with BPDC's policies and procedures including following safe work practices for self and others. • Proactively work towards achieving individual and team goals, whilst demonstrating BPDC's values and behaviour. • Actively engage in and embrace professional development opportunities. • Undertake any reasonable tasks as directed.
Job Purpose	• To support undergraduate Mathematics, Statistics laboratory instruction by delivering practical sessions, assisting faculty, managing laboratory resources, ensuring a safe learning environment, and providing administrative and academic support.
Key Responsibility Areas	• Effective Teaching: Prepare and deliver engaging lab sessions. Provide clear instructions and support to students. • Safety Compliance: Enforce safety protocols and conduct regular safety briefings. Monitor lab activities to ensure adherence to safety standards. • Resource Management: Maintain an inventory of supplies and equipment. Ensure timely procurement and maintenance of lab materials. • Curriculum Development: Collaborate with faculty to design and update lab curricula. Integrate new experimental techniques and methodologies. • Student Supervision: Supervise lab activities and provide individualized assistance. Foster an inclusive and supportive learning environment. • Administrative Efficiency: Complete administrative tasks, such as report preparation, on time. Maintain accurate records of student attendance and lab performance. • Feedback Implementation: Gather feedback from faculty and students regularly. Use feedback to refine teaching methods and improve lab practices.
Competencies Required	• Good knowledge in MATLAB, R and Python programming environment. • Conduct laboratory sessions on Mathematics, Probability & Statistics using MATLAB, R software and Python. • Assist students in installing, configuring, and using MATLAB, R, RStudio and Python • Demonstrate statistical concepts through hands-on experiments, simulations, data visualization, regression, confidence intervals, and hypothesis testing.



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- Prepare laboratory manuals, datasets, tutorial sheets, and experiment instructions.
- Guide students during laboratory exercises and troubleshoot software-related issues.
- Evaluate laboratory assignments, experiments, and reports according to departmental assessment guidelines.
- Maintain laboratory equipment, software installations, and records.
- Ensure laboratory safety, discipline, and compliance with institutional policies.
- Support faculty members in laboratory preparation, examinations, and project work.
- Provide technical assistance during practical examinations and continuous assessment.

Educational qualification

B.E with good knowledge in MATLAB, R and Python or M. Sc Statistics/Mathematics/Computer Science, MCA or M.E with good knowledge in MATLAB, R and Python

Experience

1-2 years of laboratory teaching/teaching experience is preferred

Remuneration & benefits

Commensurate with qualifications and experience

Interested candidates meeting the above qualifications and experience must apply online at <https://www.bits-pilani.ac.in/careers/non-academic?campus=dubai> by **13/08/2026**. Shortlisted candidates will be required to submit relevant documents. No enquiries will be entertained. Multiple applications will be summarily rejected.