



Birla Institute of Technology & Science, Pilani

Dubai Campus

Advertisement No.: BPDC/NT/05-1/2024

Position Title	Lab Instructor (LI)
Designation Level	Lab Instructor
Reporting to	Head - Department of Biotechnology
Department/Division	Biotechnology
No. of Positions	1

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 and technology education. It attracts a diverse student population from UAE, other GCC countries, Asia, Africa and Far East.

BPDC is approved by University Grants Commission and Ministry of Human Resource Development, Government of India and is permitted by the Knowledge and Human Development Authority (KHDA), Government of Dubai. BITS Pilani has been granted the status of "Institute of Eminence" by MHRD, Government of India.

BPDC offers B.E, M.E., M.B.A. and Ph.D. programmes in various engineering and allied disciplines, with nearly 1500 students from over 20 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 400 companies, facilitates industry attachment for students in preparation for 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.

POSITION SUMMARY

- Lab instructions, preparation for the lab sessions, assisting faculty and students in the lab.
- Handling analytical/biotechnology equipment.
- Laboratory related purchases/ requirements/ stocks etc.
- Administrative assignments related to biotechnology department.
- Assisting Project students from /across the departments
- Report preparation, website content development etc.

POSITION RESPONSIBILITIES AND ACCOUNTABILITIES

- Preparation of media, supplies, materials; maintenance of equipment and facilities; store-keeping functions; and proper and safe use of equipment and materials.
- Performs teaching duties as required -Lab instructions, preparation for the lab sessions, assisting faculty and students in the lab.
- Demonstrating, handling analytical/biotechnology equipment and Implement all applicable lab safety standards
- Reinforce safety and housekeeping procedures and protocol within the lab
- Maintain a schedule of preventative maintenance for all equipment and keep adequate manuals and maintenance logs for equipment and accessories.
- Supports faculty and students in the design, planning and execution of student projects as required
- Assist faculty in laboratory related purchases/ requirements/ distribution of consumable materials and ensures adequate inventory levels for supplies within the lab.
- Administrative assignments related to biotechnology department.
- Report preparation.

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 behaviors.
- Actively engage in and embrace professional development opportunities
- Undertake any reasonable tasks as directed.

QUALIFICATIONS AND SKILLS

Essential: B.E./ B.Tech; Preferably candidates with M.E., / M.Tech., / M.Sc., (or) equivalent.

Specialization: Biotechnology/ Biochemistry /Molecular Biology/ Genetic Engineering /Biomedical Sciences. Fermentation tcehnology

Desirable Experience: Prior experience in handling and maintenance of analytical instruments / hands on experience in Chromatography techniques/ HPLC/ GC/ GC-MS/ICP-OES/FTIR/ Molecular biology techniques/Recombinant DNA technology/ Cloning/ Protein expression/ Southern/ Western/ Northern blotting/ RT-PCR.

Skills:

- Experience in and/or understanding of the issues involved in communicating with people whose first language is not English.
- Proven ability to work as part of a team in the achievement of business objectives.
- Commitment to continuous improvement and best practice principles.

REMUNERATION

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 **June 10, 2024**. Shortlisted candidates will be required to submit relevant documents. No enquiries will be entertained. Multiple applications will be summarily rejected.

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