



Birla Institute of Technology & Science, Pilani

Hyderabad Campus

Ref: PSG/R&D/PURSE/PA/2022/3

Dt. 05.11.2022

Call for Research Positions for DST-PURSE Project

Applications are invited for the post of **Project Associate-I or II with PhD Admission**
(Previously termed as JRF, please refer to Annexure-I for details)

Project Title : Promotion of University Research and Scientific Excellence (PURSE)

Funding Agencies : Department of Science and Technology, Government of India and BITS Pilani

Project Location : BITS Pilani, Hyderabad Campus

Duration : 4 Years

Number of Position: ONE (Project Associate-I or Project Associate-II)

Position/ Fellowship:

Project Associate-I: ME/ MTech in Environmental Science & Engineering/ Biotechnology or MSc in Environmental Science/ Biotechnology/ Life Sciences from a recognized University or equivalent.

or

B.Tech Biotechnology/ Chemical Engineering/ Environmental Science & Engineering with Master's Degree in Public Policy/ Environment Governance/ Development Studies/Sustainability from a recognized University or equivalent

Rs. 31,000 + 8% HRA for candidates who have qualified for GATE/GPAT or CSIR/UGC-JRF/NET or similar examinations conducted by Central Government Departments and their Agencies and Institutions. Candidates who have not qualified for the above conditions are entitled to a fellowship of Rs. 25,000 + 8% HRA.

Project Associate-II: ME/ MTech in Environmental Science & Engineering/ Biotechnology or MSc in Environmental Science/ Biotechnology/ Life Sciences from a recognized University or equivalent with a minimum 2 years of experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.

Rs. 35,000 + 8% HRA for the candidates who have qualified for GATE/GPAT or CSIR/UGC-JRF/NET or similar examinations conducted by Central Government Departments and their Agencies and Institutions. Candidates who have not qualified for the above conditions are entitled to a fellowship of Rs. 28,000 + 8% HRA.

Interested candidates should apply to the PhD program of Department of Biological Sciences (Full Time), BITS Pilani, Hyderabad Campus in the following link:

<https://www.bitsadmission.com/phdmain.aspx> by 21st November, 2022.



BITS Pilani, Hyderabad Campus
Jawahar Nagar, Kapra Mandal
Medchal District
Hyderabad 500078
Telangana, India
<https://www.bits-pilani.ac.in/hyderabad/>

Annexure-I

Title of the Project	Biomethanation of organic municipal solid waste using industrial scale anaerobic digester in field setting and conduct of its environment and social impact assessment
Investigator Details	<p>Principal Investigator: Prof. P. Sankar Ganesh Associate Professor, Environmental Biotechnology Lab, Department of Biological Sciences Email: sangan@hyderabad.bits-pilani.ac.in Phone: 040-66303547 (W): https://universe.bits-pilani.ac.in/hyderabad/psankarganesh/Profile</p> <p>Co-Investigator: Dr. Lavanya Suresh Assistant Professor, Department of Humanities and Social Sciences, Email: lavanya@hyderabad.bits-pilani.ac.in Phone: 040-66303562 Profile: https://universe.bits-pilani.ac.in/hyderabad/lavanyasuresh/Profile</p>
Essential Qualification	<p>ME/ MTech in Environmental Science & Engineering/ Biotechnology or MSc in Environmental Science/ Biotechnology/ Life Sciences from a recognized University or equivalent.</p> <p>or</p> <p>B.Tech Biotechnology/ Chemical Engineering/ Environmental Science & Engineering with Master's Degree in Public Policy/ Environment Governance/ Development Studies/Sustainability from a recognized University or equivalent</p>
Specialization	Environmental Biotechnology and Environment Governance
Expertise	<ul style="list-style-type: none">• Hands-on experience in waste and wastewater treatment with extensive fieldwork on municipal solid waste management, preferably in Telangana and Andhra Pradesh.• Specialization and/ or work experience in anaerobic digestion/ solid waste treatment• Good knowledge of Telugu in speech and writing is essential.