Name: Jayakrishnan U

Current Position: Ph.D Scholar

Centre for Environment, IIT Guwahati

Email:jayakrishnanu91@gmail.com,

u.jayakrishnan@iit.ernet.in

91-9007475569, +91-9037807041

Carrie Objective

To innovate, implement and excel with knowledge and skill garnered for the betterment of science, nature and my nation.

Academic Profile

10th Grade - Kendriya Vidyalaya No.1, Kataribagh, Naval Base, Kochi

12th Grade - Kendriya Vidyalaya No.1, Kataribagh, Naval Base, Kochi

Under Graduation- Bachelor of Technology in Biotechnology and Biochemical Engineering, Mohandas College of Engineering and Technology, Kerala University, Trivandram

Post Graduation - Master of Technology in Biotechnology, Maulana Abul Kalam Azad University of Technology, MAKAUT (formerly West Bengal University of Technology, WBUT), Kolkata

Experience

B.Tech final year project in "Effect of Drought Stress in Lipid Peroxidation and Antioxidant Characteristics of *Solanam melogena* " from jan-june 2013

M.Tech final year project in "Biofilm Based Bioreactor using Novel bacillus sp. MCC0008 for Nitrate Sequestration" from jan-july 2015

Summer Internship at Rajiv Gandhi Centre for Biotechnology, Trivandram in topic “Expression and Purification of TypeIII Poly ketide Synthase” for 1 month 2014

Participated in Winter School on” Microbial Technology for Waste Water Management” organized by Centre of Excellence in Environmental Technology and Management, MAKAUT(formerly WBUT).

Short term training on “Mathematical Biology” organized by Centre of Excellence in Environmental Technology and Management, MAKAUT (formerly WBUT) December 2014.

Achievements

Graduate Aptitude Test in Engineering, 2013 – AIR 1067

Won 2nd prize in the event “Bioinnovate” conducted as part of CULT AWAY 2012 at Sree Chitra Thirunal College of Engineering, Trivandrum.

AIR 17 in JNU Combined Entrance Examination for Biotechnology (CEEB) 2013

GATE 2015-AIR 602

Technical Skill

Bioreactor Operation

Biochemical Assay of nitrate, phosphate and ammonia

Basic knowledge of C++, MATLAB