

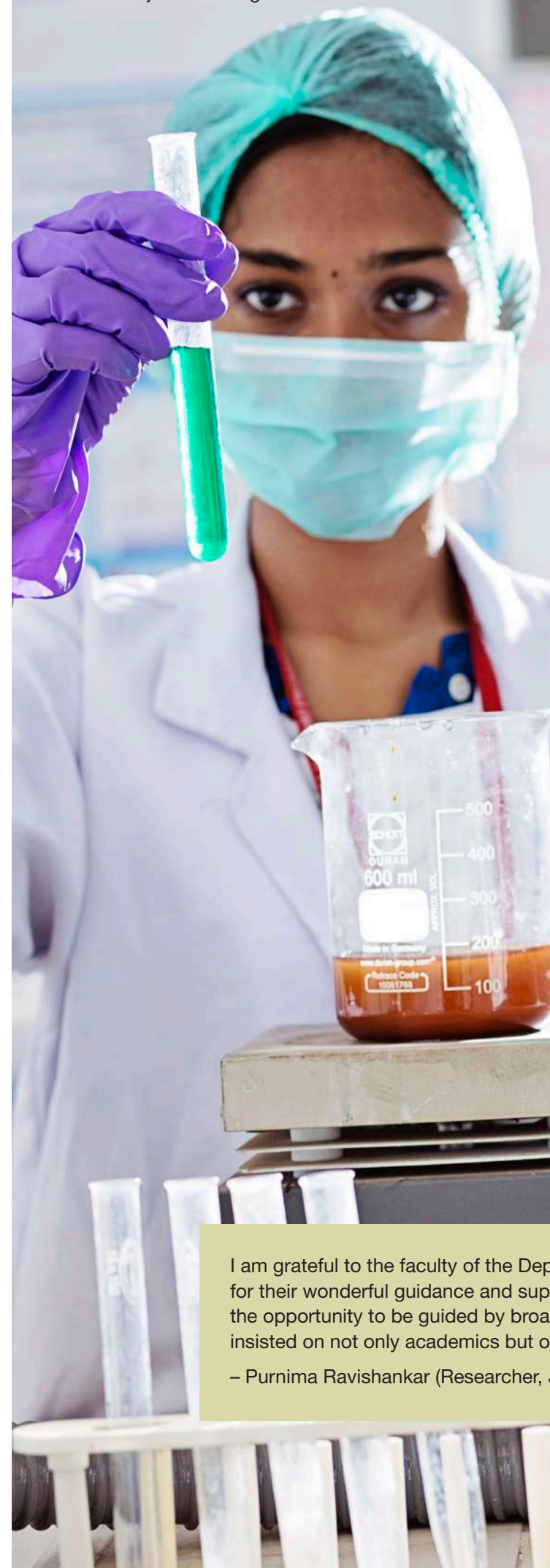
It gives me immense joy and happiness to say that I am a proud student of the Department of Biotechnology, Rajalakshmi Engineering College. It was the trust I had in the institution that it would be the right place for the next phase of my life and it reflected in my decision. Looking back, it has been one of the best decisions I have ever made, and it is evident through my receiving University Gold Medal and the admission at the University of California, in a prestigious Biotechnology Management Program. The credit for my laurels go to the faculty of Department of Biotechnology, who have been more of mentors at each stage of college life, assuring that my actions and energies are channelled towards the right areas of my development. I see my institution rising and making a mark in the society of tomorrow and would deeply recommend the institution for any individual with an earnest desire to excel, as the Department has the moral force to take one to higher levels and I am a living evidence of that. Always a proud student and alumnus of the Department of Biotechnology REC

– Jaidev Jayakumar (Gold medalist and TCS Best Student Award Winner 2015). He is currently a Consultant at Deloitte Advisory in their Healthcare and Life Sciences Division practice, USA



## STUDENTS' ACHIEVEMENTS

- 109 University ranks including 5 gold medals in UG and PG since inception.
- Best Outgoing Student of the College (2010, 2011, 2014, 2015, 2016, 2017).
- Awarded Indo-US Khorana Fellowship Programme (2015, 2017, 2018).
- Recipients of Bronze Medal in iGEM (International Genetically Engineered Machines) held at MIT, Boston USA in November 2017.
- Winners of DBT-ABLE Biotechnology Entrepreneurship Student Teams Award for the years 2017 & 2018.
- Recipients of INSPIRE Fellowship (DBT) and IAS-SRF Fellowship etc.
- Recipient of NTU-India Connect Research Internship 2017.
- Winners of 'Voice for BT' National Level Inter-Collegiate Oratorical Competition organized by Novozymes India Ltd (2012, 2015, 2016, 2017).
- Winners of IITM-PALS Innovation Challenge 2018.
- Top scorers in GATE, GRE, TOEFL, IELTS, DBT – JRF, NPTEL courses offered by IITs and IISc.
- Gaining admissions to Direct Ph.D in IITs, IISc and Universities abroad with full fellowship.
- Finalists in International quiz competition conducted by NCRM NICHE 2017 at Tokyo, Japan, a jointly organized congress by EELS, GN corporation Japan & Genotec in academic partnership with Shibaura University Japan and German Society of Stem Cell Research.
- Faculty and students successfully defended the campaign idea at the Regional Round for the 'New Zealand - India Sustainability Challenge', 2017
- Our alumni are currently serving in NIH (USA), FDA (USA), GENTEK (USA), Princeton University (USA), BIOCON, NOVOZYMES, EPPENDORF to name a few.



## RESEARCH PROJECTS

- Dr. P. Saravanan, Stress resistance and characterization of exopolysaccharides secreted by oral bacterial biofilm communities. SERB Rs. 39 Lakhs, 2017
- Mrs. M. Millicent Mabel, Antibacterial and antiviral activity of marine Actinomycetes on multidrug resistant luminescent bacteria and yellow head virus(YHV) affecting giant tiger prawn. UGC Rs. 3 Lakhs, 2015
- Dr. T. Anitha, Chitosan Collagen Polyvinyl Alcohol polymer composite nanofibers: characterization, antimicrobial studies and its wound healing effects. UGC Rs. 2.85 Lakhs, 2015
- Ms.C. S. Jeba Samuel, Bioflocculation and Biosurfactant activity of Nostoc cyanobacteria. UGC Rs. 1.9 Lakhs, 2015
- Dr. Rekha Ravindran, Elucidation of mechanism of action of with aferrin a present in Ashwagandha using serial molecular docking method and pharmacophore modeling. UGC Rs.1.1 Lakhs, 2015.
- Dr. P. Rajasekar, Dr. Johanna Rajkumar, Mr. T.A. Selvakumar, Development of plant based gold nanoparticles with special reference to high fructose diet induced insulin resistance. AICTE - RPS Rs.7.76 Lakhs. 2014
- Dr. T. R.Sundararaman, Dr. B. Vijayageetha, Dr. Sujata Roy, Identification of toxicity mechanisms through the relationship between exposure and changes in genome-wide gene expression pattern by using bioinformatics tools and databases. AICTE - RPS Rs.18.9 Lakhs, 2013
- Dr. D. Haripriya, Elucidation of mechanism by which propylthiouracil clears lesions in psoriatic patients. DST-SERB Rs. 17.62 Lakhs, 2012

I am grateful to the faculty of the Department of Biotechnology for their wonderful guidance and support. I'm glad to have had the opportunity to be guided by broad-minded individuals who insisted on not only academics but overall growth.

– Purnima Ravishankar (Researcher, Johns Hopkins University)

