

## Department Achievements (2014 - 2015)

### Dr. Sunita Borkar

- ❖ Edited a book entitled “Bioprospects of coastal Eubacteria – Ecosystems of Goa.” Publisher - Springer International Publishing Switzerland 2015.
- ❖ Contributed a book chapter entitled “Alkaliphilic Bacteria: Diversity, Physiology and Industrial Applications. (2015) In Borkar S (ed) Bioprospects of Eubacteria: Coastal Ecosystems of Goa.” Springer International Publishing Switzerland. Pgs 59-84.
- ❖ Co – authored a paper entitled “Land reclamation using plant growth promoting alkaliphiles obtained from coastal ecosystems of Goa” at the 4<sup>th</sup> National conference on “Pollution in Urban and Industrial Environment” held at Jadhavpur University, Kolkata from 8<sup>th</sup>-9<sup>th</sup> Dec 2014.
- ❖ Presented a poster at the one day National Level Competitions in Biosciences (BIOCOMP-2015) organized by Dept. of Microbiology, Shivaji University Kolhapur and Microbiologists Society, India on 30<sup>th</sup> Jan 2015 and was awarded the 1<sup>st</sup> place in the Faculty category.
- ❖ Member of Board of Studies in Environmental Science under ordinance OA-14 with effect from 25/11/2014.
- ❖ Life membership of Goa University Alumni Association.

### Dr. Flory Pereira:

- ❖ Ph.D awarded on 6<sup>th</sup> March 2014  
Ph.D Topic: Metal tolerance in heterotrophic bacteria from marine salterns of ribandar, goa.  
Under the Guidance of: Dr. Savita Kerkar, Dept. of Biotechnology, Goa University, Goa.
- ❖ Presented a poster entitled “Bioremediation: An ultimate approach for metal contamination in hypersaline environments.” National symposium on ‘Biotechnology in India: a panoramic view’. Feb 25th-26th 2014.
- ❖ Published a Research paper entitled “Use of Index Analysis for assessment of Heavy metals in the Ribandar Solar Salterns” in P.E.S’s Research Cell Journal.”Sounved” Vol. II, page 34-42, 2014.
- ❖ Presented a paper at the National conference on Human Rights by the Dept of Political Sciences at PES’s SRSN College on 28<sup>th</sup>-29<sup>th</sup> Nov’2014 entitled “Right to sanitation- Myth or reality”.

- ❖ Presented a paper on “Metal Detoxification in Hypersaline environments” at the 4<sup>th</sup> National Seminar on Pollution in Urban Industrial Environments held at Jadhavpur University, Kolkata from 8<sup>th</sup>-9<sup>th</sup> Dec 2014.
- ❖ Presented a poster at the one day National Level Competitions in Biosciences (BIOCOMP-2015) organized by Dept. of Microbiology, Shivaji University Kolhapur and Microbiologists Society, India on 30<sup>th</sup> Jan 2015.
- ❖ Life membership of Goa University Alumini Association.

#### **Dr. Rasika Gaonkar**

- ❖ Contributed a book chapter entitled “Biodegradation of Aromatic Compounds by Alkaliphilic Bacteria.” (2015) In Borkar S (ed) Bioprospects of Eubacteria: Coastal Ecosystems of Goa. Springer International Publishing Switzerland. Pgs 85-106.
- ❖ Life membership of Goa University Alumini Association

#### **Dr. Teja Savoikar**

- ❖ Book chapter entitled ‘Eubacterial siderophores and factors modulating their production’. (2015) In Borkar S (ed) Bioprospects of Eubacteria: Coastal Ecosystems of Goa. Springer accepted for publication. Springer International Publishing Switzerland. Pgs 25-38.
- ❖ Life membership of Goa University Alumini Association

#### **Ms. Neha Prabhu**

- ❖ Presented a paper entitled “Land reclamation using plant growth promoting alkaliphiles obtained from coastal ecosystems of Goa” in the form of oral presentation at the 4<sup>th</sup> National conference on “Pollution in Urban and Industrial Environment” held at Jadhavpur University, Kolkata from 8<sup>th</sup>-9<sup>th</sup> Dec 2014.
- ❖ Presented a poster entitled “Effect of stress conditions such as pH, salt concentration and Metal ions on haloalkaliphilic phosphate solubilizing bacterium” at the 4<sup>th</sup> Bhartiya Vigyan Sammelan and EXPO, from 5<sup>th</sup> – 8<sup>th</sup> February, 2015, Kala – Academy, Panjim, Goa – India.

## **Student Achievements:**

- ❖ Ms. Vibha Singh and Ms. Ruperi Farjand Presented a poster at the one day National Level Competitions in Biosciences (BIOCOMP-2015) organized by Dept. of Microbiology, Shivaji University Kolhapur and Microbiologists Society, India on 30<sup>th</sup> Jan 2015 and were awarded the 1<sup>st</sup> place at the UG level.
- ❖ Master Anchit Parker, Ms. Prajakta Bhende and Ms. Rachel Andrade participated in quiz competition at one day National Level Competitions in Biosciences (BIOCOMP-2015) organized by Dept. of Microbiology, Shivaji University Kolhapur and Microbiologists Society, India on 30<sup>th</sup> Jan 2015 and secured 3<sup>rd</sup> place at UG level.
- ❖ Ms. Vibha Singh and Ms. Ruperi Farjand participated in face painting competition in cultural event “Urba and Inspiration” organised by Shantadurga Vijayte Kala Mandal, Cuncolliem on 29<sup>th</sup> November 2014 and secured 2<sup>nd</sup> place.
- ❖ Ms. Vibha Singh was selected amongst best six photographs in a photography competition organised by Goan Shutterbugs, Margao on 16<sup>th</sup> November 2014.
- ❖ Ms. Prajakta Bhende appeared and qualified TIFR Nationwide Entrance Examination (GS-2015)/Joint Graduate Entrance Examination for Biology and Interdisciplinary Life Sciences (JGEEBILS).

## **Recent Activities**

### **List of competitions/activities organised by Micro – Tech Cell for the year 2014-15**

- ❖ Spelling Bee competition held on 23<sup>rd</sup> August 2014, for SYBSc and TYBSc microbiology students.
- ❖ Talk organized on “Career opportunities in Microbiology” on 11<sup>th</sup> September 2014 by Dr. Trelita de Souza
- ❖ Cooking competition on Microbiological theme held on 13<sup>th</sup> September 2014.
- ❖ Silver Jubilee celebration programme and prize distribution on 22<sup>nd</sup> September 2014.
- ❖ Model making competition for students of FYBSc, SYBSc and TYBSc microbiology students on 24<sup>th</sup> January 2015.

## **Upcoming Events**

One day state level seminar on “Microbiology for a better tomorrow”, Organised by Department of Microbiology in collaboration with Microbiologists Society on 27<sup>th</sup> February 2015