

## Departmental Activities (2017-18)

- Guest Talk by Dr. Cletus D'souza, Mysore university on “Medicines of the future

A guest lecture was organized on 26 February 2018 in PG seminar hall. The guest of honour was Dr. Cleitus D'Souza, Mysore University. The talk was based on the topic “MEDICINES OF THE FUTURE”.



**Inauguration by lighting the lamp**



**Talk by Dr. Cleitus D'Souza**

- **INDUSTRY/ FIELD VISITS:**
- **Industrial visit to CPCRI Kasargod**

A field visit was conducted 1 March 2018 to CPCRI Kasargod. All final year students went on a field visit and had practical analysis about coconut and arecanut plantation and also visited Biochemistry department. The students also had a practical briefing on organic farming.



**CPCRI Biotechnology lab**



**CPCRI Biochemistry lab**



**Coconut plantation Field visit**



**Organic farming**

- **EXTENSION ACTIVITIES**

An extension programme was held in Alav's High School, Puttige. Students of high school were given awareness about various commonly spread diseases by students of II, III year MBB students.



- **Student faculty programme**

An opportunity was given to the III year MBB students to improve their teaching skills by engaging classes for I and II year MBB students. Anusha Bhat, K Chaitra, Bhoomika Kotary of III MBB engaged biochemistry classes for I MBB students.



## STUDENTS ACHIEVEMENTS

- Amulya D.R, Apsara.R, Anusha U Bhat, Ashika H.C, Arun Kumar, Bhoomika, Chaitra. K, DeekshithaKotian, Likhitha.M, Prathiksha D.R, Pruthvi.R, Priyanka J.S, RakshathaNaik, Sona T, SahanaKumari, Sudarshan, has attended in Lake 2016: International conference on Conservation and Sustainable management Ecologically sensitive Regions in Western Ghats jointly organized by CES-IISC, Bengaluru and Alva's college, Moodbidri.
- Chaitra.K, Anusha U Bhat, Prathiksha.D.R. presented a paper “ A study on methods of organic farming and their utilization in vegetable cultivation” in lake 2016: : International conference on Conservation and Sustainable management Ecologically sensitive Regions in Western Ghats jointly organized by CES-IISC, Bengaluru and Alva's college, Moodbidri.
- Anusha U Bhat won first place in” Praasya” at “SCIENTICA” National level inter collegiate fest at Canara college, won first place in QUIZ MANIA at PRAVEGA 2018 at Alva's college, won first place in grand event at PRAVEGA 2018, Master of ceremony at Lake 2016: International conference on Conservation and Sustainable management Ecologically sensitive Regions in Western Ghats jointly organized by CES-IISC, Bengaluru and Alva's college, Moodbidri.
- Sona.T, Likhitha.M, Anusha U Bhat won over all champion ship at PRAVEGA 2018
- Anusha U Bhat, Priyanka J.S, passed Ramayana and Mahabharata exam conducted by Sanskrit department
- SahanaKumari passed Ramayana exam conducted by Sanskrit department, attended 3 days Entrepreneurship development , attended NSS Annual Camp.
- Anusha U Bhat, PriyankaJ.s, SahanaKumari ,RakshathaNaik, attended work shop on “Kathanusandhanam” conducted by Sanskrit Department.
- Anusha U Bhat, DeekshithaKotian participated in RACEMUS 2018 at Manglore University
- RakshathaNaik got placed in “ Capgemini” – a software company at the placement held at AIET Mijar.
- AmulyaD.R ,Apsara .R , Sona T , Sudarshanmoolya , Deekshithakotian , Prathiksha D R ,Attended Annual Training camp held at Alvas college in 2016 and 2017.
- Passed “B” certificate exam and attended C certificate exam of NCC.
- Apsara .R ,Amulya D.R and Sona T , First place in dance during Annual training camp in NCC at Alvas college.
- Priyanka J. S attendedNavsainik camp phase first held at Bangalore 2017, attended combined annual tryning camp at Udpi, attended ‘B’ certificate exam in NCC.
- Amulya D.R, Apsara .R, Sona.T, Prathiksha.D.R, Priyanka.J.S, Sudarshanmoolya and DeekshithaKotainworked as an volunteer in Alva's Virasat, Nudisiri and Pragathi, Independence day and Republic day.
- Prathiksha DR attended the Independence day Ceremonial parade 2015, Attended the Republic day parade 2015, Participated and won first place in ALL INDIA NCC Cancer awareness competation at DG NCC , Delhi cantonment, Attended OSGeo India workshop on mobile GIS :Asia pacific network project on capacity building in GEO Spatial Technology for Western Ghats Biodiversity conservation organised at Alvas college 2017 , Attended the Republic day Institutional Training camp and participated in the Republic day ceremonial parade 2017 at Alvas college Moodbidriand won first place in contingent drill competation, Attended combined Annual training Camp | TSC at



Alva's college Moodbidri 2017, Attended TSC at KV Shankarghatta 2017, Participated IGC at Belgaum 2017 and got Silver Medal in shooting, Attended DIE TSC Third at Belgaum 2017, Attended All India ThalSainik camp held at New Delhi at 2017 and participated in All India firing competition.

## **FACULTY ACHIEVEMENTS**

- Mrs. Usha B, HOD of biochemistry had participated as a Presenter in the two days National Conference "TRENDS IN BIOACTIVE NATURAL PRODUCTS AND HEALTH CARE" held on 6<sup>th</sup> and 7<sup>th</sup> October 2017, sponsored by UGC and DST-SERB in association with SBC[1] Madikeri branch.
- Mrs. Usha B, HOD of biochemistry had participated in one day workshop on "DATA ANALYSIS, REPORT WRITING AND PUBLICATION" on 17<sup>th</sup> March 2018.
- Mrs. Usha B, HOD of biochemistry had participated in alumni sponsored International Conference on Recent Vistas in Science And Technology And Its Relevance To Biological Sciences, at Alva's college moodubidire on 2<sup>nd</sup> March 2018
- Mrs. Usha B, HOD of biochemistry had participated as a delegate in Pre Lake 2018 Conference lecture series organized by Alva's education foundation, Moodubidire, and Energy And Wetlands Research Group, CES, IISc, Bengaluru on 23<sup>rd</sup> February 2018 in Alva's College, Moodubidire.
- Ms. Bhagyashree Patil, Lecturer of biochemistry had participated in Pre Lake 2018 Conference lecture series organized by Alva's education foundation, Moodubidire, and Energy And Wetlands Research Group, CES, IISc, Bengaluru on 23<sup>rd</sup> February 2018 in Alva's College, Moodubidire.

## **ADD ON COURSES/CERTIFICATE COURSES**

- ✓ Certificate course: Chromatographic techniques, Phytochemical analysis and food adulterants
- ✓ Incharge: Usha B
- ✓ Brief about the course: The course is a skill based programme which gives an idea about biochemical techniques which are used to identify, separate and purify biological components. This also gives knowledge about adulterants and their identification by biochemical methods.

## INTER CLASS COMPETITIONS

- **Quiz competition**

A quiz competition was conducted by the II year MBB students, Karthik and Siddesh for all the I, II, III year MBB students. The groups were divided with four members in a group and the group securing highest points were awarded the first place.



- **Student seminar**

Seminars were conducted by students of I,II,III MBB students during their regular biochemistry classes. All the students had to give a seminar on any science topic which would be beneficial for all.



- **Carrier guidance programme by alumni Mr. Reon D'cunha**

A carrier guidance programme was organized in the month of February where Ryon D Cunha, an old student of Alvas college, gave a talk. He spoke about various entrance exams and research institutes. All the final year MBB students attended the programme.



**Rayon D Cunha addressing the final year MBB students**

- **Bio-rangoli competition**

A Biorangoli competition was held on 02 January 2018 for all biochemistry students. Students were divided in six groups and the theme given was “BIO SHELTER”.



The six groups participating in Bio-rangoli

### **PROJECTS UNDER TAKEN BY THE STUDENTS (2017-18 Batch)**

**Project title:** Physico chemical analysis of well and sewage water in Vidyagiri, Moodbidri.

**Undertaken by:** Pruthvi.R, Ashika.H.C, Priyanka.J.S, Deekshitha.k

**Done at:** Laboratory of Biochemistry Alva's college Moodbidri under guidance of Mrs. Usha B.

**Project title:** Phytochemical screening, TLC, antimicrobial activity, synthesis and characterization of silver nanoparticles in aqueous leaf extract of *Justicia wynadensis*(NEES)

**Undertaken by:** Rakshatha Naik, Amulya D R, Apsara R

**Done at:** Laboratory of Biochemistry, Microbiology and PG Department of Biotechnology Alva's College Moodbidri under the guidance of Mrs Usha B, Mrs. Ramya Rai M and Dr Rama Bhat.

**Project title:** Phytochemical analysis , nutritive value, antibacterial activity of *Ramalina pacifica*.

**Undertaken by:** Likitha M, Sona T, Sahana kumara, Sudarshan Moolya

**Done at:** Laboratory of Biochemistry and Microbiology Alva's college Moodbidri under guidance of Mrs. Usha B and Mrs Ramya Rai M.

**Project title:** Preparation of wine, phytochemical screening and biochemical estimation in Rind and Pulp fruit extract of *Passiflora edulis*- A comparative study

**Undertaken by:** Bhoomika R, Anusha U Bhat, K Chaitra, D R Prathiksha, Arun Kumar H G

**Done at:** Laboratory of Biochemistry Alva's college Moodbidri under guidance of Mrs. Usha B.