

Science Association Report 2018-19

Mr. Srikantha M, Dept of Computer Science was appointed as the convener.

Mr. Suhas Rao III B.Sc. 'B' and Ms. Chaitra Aithal III B.Sc. "A" were appointed as student secretaries.

Dr. Balamurali Krishna K Asst. Professor, Dept of Science, Pandith Din Dayal Petroleum University, at Gandhinagar Gujarat inaugurated Science Association on 6th July 2018 and in his inaugural address he talked about TOKAMARKS-possible ways to store the solar energy.



Student Extension activities

Conducted KVPY mock test for PUC and I B.Sc. students.

Physics department conducted Educational visit to Pili Kula Science Centre and Planetarium.

National Graduate Physics Examination was conducted for B.Sc. students under IAPT.

Outreach Programmes

- Outreach programme are undertaken by several science departments to reach out to the people who are outside the ambit of the college.
- Conducted an Outreach programmes "Delights of chemistry" and "Glimpses of Chemistry by students of III B. Sc. (PCM and BZC) for high school students of Udupi District in the month of December 2018.
- Mathematics department organised an Outreach programme: Mathematics Model and Chart exhibited on 5th Dec 2018 at Govt High school Malpe, Udupi.
- Mathematics model and chart exhibition by B.Sc. students was organised during "GANITHA POORNA 2018" held at PPC Udupi on 29th Dec 2018, in which more than 15 models were exhibited.

Student participation/interaction programme

25 students from II B.Sc attended a one day conference on “Recent Advances in Photonics” at MIT, Manipal on 22/09/2018.

12 students from III B.Sc attended a one day symposium on “Recent Advances in Nano-science and Technology” at MIT, Manipal on 24/09/2018.

Interaction of students with Dr. Shrikant, Professor, PPISR on Quantum Cryptography on 17th December, 2018.

Miss. Soujanya, Miss. Shilpa Kanchan and Miss. Pallavi Nayak demonstrated charts on ‘Plant Kingdom’ at Viveka English medium High School, Kota.

Following competitions were conducted in the academic year by different departments:

- Crystal Art Competition
- Photography competition
- Chart Competition on Multiwavelength Astronomy
- PPT competition on Crystals
- Soft Collage competition on Multiwavelength Astronomy
- Collection of different inflorescences,
- ferns and their herbarium Article writing on GMO food
- Photo slide show on symbiotic association of plants
- Collection of photography of plants
- Data analysis, Statistical aptitude, data visualization

Students’ Research activities:

- Viyola completed an online course entitled Introduction to R software conducted by IIT Kanpur from NPTEL.
- Rachel Alveera Menzes, Anusha, Bhaskara G Marate, of II B.Sc ‘A’. Varalakshmi S. D. II B. Sc., Anoosha II B. Sc. Aishwarya IIB.Sc. and Neha II B. Sc. got selected for INSPIRE scholarship.
- Puneeth Tendulkar of III B.Sc has been selected for the Project Oriented Chemistry Education (POCE) which is conducted by JNCASR, Bengaluru. He is one among the top 10 students in all over India. He completed the project on the topic “Studies on the Hafnium- based intermetallic compound” from 21st May 2018 to 14th July 2018 under the guidance of Prof. Sebastian C. Peter, Associate Professor, New Chemistry unit, JNCASR.

- Ria Beena D'Souza of III B. Sc. has been selected for Summer Research Fellowship-2018 (SRFP) programme which is jointly sponsored by Indian Academy of Sciences (IAS) Bengaluru, Indian National Science Academy (INSA) New Delhi and National Academy of Sciences India (NASI) Allahabad. She completed the project on the topic "Role of CPWC in oxidative folding of α -conotoxinImI" from 5th June to 25th July 2018 under the guidance of Dr. Konkallu Hanumae Gowd, Central University of Karnataka, Kalaburagi.
- Miss Vibha of III B.Sc BZC has attended Summer Research Fellowship programme in Life Sciences at Indian Institute of Agricultural Sciences Delhi from 24/05/ 2018 to 19/07/2018. She had successfully completed the project on 'Plant viruses' and submitted to Prof. Veerendra Kumar Baranwal.
- Shreya and Radhika of final year B.Sc. worked on a project titled "Student perception on quality indicators of politicians" This project won first prize in project competition held at Manipal University
- Mr. Rao Suhas Devaraj, 3rd B. Sc., participated in 'Mathematics Training and Talent Search (MTTS)' programme, funded by NBHM held at SSN College of Engineering, Chennai from 21st May 2018 to 16th June 2018.
- Mr. Adithya M S, 3rd B. Sc., has participated in 'Summer Workout in Mathematics' programme organised by TIFR, Bangalore from 21st May 2018 to 16th June 2018.
- Mr. Yogish Patkar, 3rd B. Sc., participated in 'CFS – Training Programme in Mathematics, 2018', organised by NISER, Bhubaneswar, from 21st May 2018 to 16th June 2018.
- Mr. Shamanth D T, II B. Sc., participated in 'Nurture 2018 – Summer School in Mathematics in memory of Prashanta Chandra Mahalanobis', from 22nd July to 10 th August 2018 at Central University of Tamilnadu.
- Ms. Ashika Shetty and Ms. Manavi Patel of 2nd B. Sc., participated in 'Mini MTTS' programme held at K. B. N. College, Vijayawada from 10th December to 15th December 2018.

Student participation/ achievements:

Our students participated in several intercollegiate competitions and won several prizes.

- Mr. Suhas of III B. Sc. won the First place in the event 'Math Reality Check' and Ms. Mahima of III B. Sc. Won First place in the event 'Collage in the maths fest organised by PG Dept. of Mathematics, St. Aloysius College, Mangaluru on 1st August 2018. The team won Overall Runners up Championship.
- Participated in a Science quiz competition held at our college in July.

- Masmarika, Vibha, Shilpa J Kanchan, Soujanya , Riya Bin D'souza , Ayisha, Yathish, Suhas Rao , Kavya R Kamath, Puneeth Tendulkar participated in KRVP university level science model competition on 12-9- 2018 held at St. Philomena College, Puttur. Masmarika, Vibha, Shilpa J Kanchan, Soujanya won the third prize and were selected for state level competition.
- Masmarika, Vibha, Shilpa J Kanchan, Soujanya participated in KRVP state level science model competition held in, Koppala on 4 and 5th January. Shilpa J Kanchan and Soujanya won 3rd prize.
- Aishwarya Nayak, Shrihari, Soujanya Dinesh Hebbar participated in KRVP Mangalore University level Kannada Elocution competition held at Mangalore on 29th Sept 2018. Dinesh Hebbar won I prize in physics subject and got selected for state level competition and also won second prize in state level competition held at, Hospete, Bellary on 13th and 14th October 2018.
- Puneeth Tendulkar of III B. Sc., Shrihari E. H. of III B. Sc., Anish K of I B. Sc. and Sharath of I B. Sc. participated in CHEM FEST-18 held at Shri Bhuvanendra College, Karkala on 9th January 2019.
- Four of our students participated in the Quiz and Seminar Competition organised at Vijaya College, Mulki. Suhas Rao and Kavya Kamath won second prize in Quiz Competition.
- Runners up in "Sankhya" held at SDM, Ujire. Suhas and Aishwarya won I prize in quiz and extempore competition.
- Suhas and Aishwarya won I prize in quiz competition and Shreya and Radhika won first prize in project competition "ANVESHA" held at Dept of statistics , Manipal University Our students participated and won overall prize in National Level Science and IT fest (SCIENTICA 2K19) organised by Canara College, Mangalore on 17th & 18th January 2019 and won the following prizes. Puneeth Tendulkar – I Prize in chemicathlon, Suhas Rao, Yogish R Patkar II prize in Spinneret, Dinesh Hebbar I Prize in Quantum Realm, Abhilasha of II B.Sc won second prize in Tech-Hebbar, Deekshitha of I B.Sc won first prize in Amazica, Prithviraj of III B.Sc won first prize in Game of Trades.
- Adithya M and Prithviraj Suvarna of 3 d BSC won first prize in Coding and Gaming in State Level UG-intercollegiate commerce Management, Science and Literary Fest organised by Milagres College, Mangalore.
- Our students participated and won runners up prize in IMPRINTS National Level Science Fest organized on 7th and 8th February 2019 at St. Aloysius College, Mangalore and won the following prizes Harshitha, Vaaruni and Adithya Ballal – 2nd prize in model competition Suhas – I prize in Maths Event, Puneeth Tendulkar- I prize in chemistry event Pallavi R Naik – II prize in Botany event Rashmitha Amin, Chaitra Naik, Vibha, Ashwini Rao, Aishwarya Naik, Yogish Patkar, Sharath Shastri, Dinesh Hebbar, Abhilasha also participated in this fest.

- Our students participated and won overall prize in - Medhass science fest held at Besant Women college, Mangalore on 14th February 2019 and won the following prizes Ice Breaker- I prize. Maths event- I prize Suhas & Aishwarya. Adithya & Kavya II prize in coding. Puneeth Tendulkar, Kavya II prize in Quiz. Yathish, Aishwarya first in Data analysis. Puneeth Tendulkar, Yogish first in lab event.
- Overall winners in UTHKHANAN 2019 national level intercollegiate chemistry fest held on 16thfeb 2019 at NITK, Surathkal and the participants are: Puneeth Tendulkar,Shivani,Yogish Patkar, Megha, Ria Beena D'Souza, Rachel Alveera Menezes,Vibha, Varalakshmi S.D, and Suhas Rao. The team secured first in lab event, treasure hunt, entelos and seminar competitions.
- Ms. Masmarika Mohan (III B.Sc.) and Ms. Shilpa J Kanchan (I B.Sc.) secured 1st prize in model competition in Inter-college Bioscience Fest BIO-SCIENTICA held at Dr. G. Shankar Govt. Women's First Grade College and Post Graduate Study Centre, Ajjarkadu, Udupi.
- Runners up in AVISHKAR state level statistics fest held at Dept. of Statistics, Mangalore University held on 18/2/2019 Multitasking I prize was bagged by Suhas and Swathi Data analysis – I prize was bagged by Yathish and Aishwarya Quiz -2nd prize was bagged by Aishwarya & Priyanka.
- Mr. Sudhanva and Mr. Akhilesh of I B.Sc BZC attended a one day state level workshop on "Practical Applications of Ethno botanical Systematics" held at Alva's College Moodbidri.