

# CHEMISTRY ASSOCIATION REPORT

2017-2018

## **Chemistry Association Activities 2017-2018**

**Staff coordinators** – Dr. T. Nalini, Assistant Professor in Chemistry

MS. P. Hepsiba, Assistant Professor in Chemistry

### **Inaugural Function:**

Date: **17.7.2017**

The Inaugural Function of Chemistry Association was held on 17.7.2017 at the Multi Purpose Auditorium from 11 a.m to 12.30 a.m. **Prof. D.A. Jeyakar Chellaraj**, Former Principal i/c and Head, Department of Chemistry , Bishop Heber College was the Chief Guest. In his talk Prof. Jeyakar Chellaraj stressed on the need to develop knowledge, skill and attitude to be successful. He also added that critical thinking, collaboration, creativity and communication are the four key areas one should concentrate to be a better student of science. **Dr. F. Samuel Christopher**, Vice Principal of Bishop Heber College delivered the presidential address. **Dr.S.Padmavathy**, Associate Professor and Head of the Department of Chemistry welcomed the gathering. About 600 students from U.G and P.G of both shift I and II participated and got benefited.

**Dr. T. Nalini and Ms. P. Hepsiba**, staff-in-charge of Chemistry Association coordinated the programme.

### **SPECIAL LECTURE 1**

Date: **16.8.2017**

A special lecture on “Organometallic Chemistry and its applications” was given by **Prof. Andreas Roodt**, Department of Chemistry, **University of the FreeState (UFS), South Africa** on August -16<sup>th</sup> 2017. He gave a basic introduction to organometallics and outlined the various fields of its application like diagnosis, treatment, catalysis etc., About 120 PG students of both Shift I & II participated and got benefited. **Dr.S.Padmavathy**, Head of P.G & Research

department of Chemistry welcomed the gathering and Dr.S.Isaiah Associate Professor and Bursar of our college introduced the chief guest.

### **CHEM CHAMP REPORT**

Date: **12.12.2017**

CHEM CHAMP - **Intra departmental Competitions** held on 13.12.17 for the students of Chemistry department both Shift I & II from 9.00a.m to 4p.m at Multipurpose Auditorium. Various Competitions like CHEM - Quiz, Charade, Ad, Fun, Décor, Mix, Puzzle, Poem, Shift, Spil, Mask & Shoot were conducted to explore and exhibit the talents of the students. Students have shown their active participation in all the events. The overall shield was won by I.M.Sc students of Shift I. The Head of the Department Dr.S.Padmavathy presided over the function. Dr.T.Nalini and Ms.P.Hepsiba Coordinated the event.

### **CHEM SPORT (CATALYST) REPORT**

Date: **6.12.2017**

CATALYST - An **Intra departmental Sport Event** was held on 6.12.17 at our College Grounds for the students of Chemistry Department. The events Volley Ball, Kabadi, Shuttle Badminton and Cricket tournament were conducted. Overall Shield was won by the students of III. B.Sc Chemistry Shift II.

### **SPECIAL LECTURE 2 :**

Date: **19.12.2017**

A Special Lecture on **Energy Storage Technologies Great Challenges and Opportunities** was conducted along with the Department of Biotechnology on 19.12.17. **Dr. P.RAGUPATHY**, Ass.t Prof (AcSIR) and Senior Scientist, Electrochemical Power Sources Division, CSIR – Central Electrochemical Research Institute, Karaikudi was the guest speaker . He spoke on the need for energy storage device modification and shared his knowledge on recent

research in Energy Device. Students from department of Biotechnology and Chemistry participated and got benefited.

### **CHEM AMIGOS:**

**Date: 10.1.2018**

An **Inter collegiate meet** was organized on 10<sup>th</sup> January 2018, which was inaugurated by **Dr. S.Ally Sornam**, Dean of Staff and Student Welfare and Head, Dept.of Library & Information Science, Bishop Heber College. **Dr.S.Padmavathy**, Associate Professor and Head of the Department of Chemistry presided over the function. Students from 16 colleges of Trichy, Tanjavur, Coimbatore, Kumbakonam and Madurai participated in various competitions like Chem Quiz, Chem Charade, Chem Shift, Chem Fun, Chem Ad, Chem Maze, Chem Mask and Chem puzzle. The **overall shield** was won by **Lady Doak College, Maduari**. The program ended with a special performance given by students of Chemistry department and prize distribution by **Dr.F.Samuel Christopher**, Vice Principal (Aided Section), Bishop Heber College.

### **REMEDIAL CLASS REPORT**

**Date: 31.1.2018**

A special Remedial Coaching class was conducted on 31.1.18 for the students who had arrears in the previous semester. The students were motivated to concentrate in their studies and were assigned to different faculty members of our Department and suggested to write regular tests. Dr. S. Padmavathy, Head and Dr.J.Princy Merlin UG Head, Department of Chemistry coordinated the meeting.

### **NON TEACHING STAFF WORKSHOP:**

**Date: 24.1.2018**

One day workshop for all non teaching staff of chemistry department was held on 24.1.18

The program was scheduled for three sessions. In the first session **Dr. Sharmila Lydia**, Associate Prof. of Chemistry, Bishop Heber College spoke on the topic **Go Green**. In her talk she highlighted the need for waste management and modes of waste reduction in laboratory.

In the second session **Dr. Gabriel**, Associate Prof. of Social Work, Bishop Heber College spoke on **Mindful Employees**. He imparted his views and thought about life's desire which is essential for happy living. He also insisted the thoughtfulness an employee should have in work place. In the third session **Mr. John Paul Sagayaraj**, Store Keeper St. Joseph's College spoke on the Maintenance of Laboratory and Safety Measures.

Non teaching staff members from both Chemistry and Biotechnology attended the workshop and got benefited. Dr.S.Padmavathy Head of the department and Dr.J.Princy Merlin UG Head were also present during the occasion.

#### **ONE DAY INTERNATIONAL SEMINAR:**

**Date: 7.2.2018**

The Department of Chemistry Organized **one day International Seminar** on 7.2.18. The guest Speakers **Dr. Velram Balaji**, Centre for Advanced Composite Materials (CACM) & Plastics Centre of Excellence (PCoE), Department of Mechanical Engineering, The University of Auckland, **Newzealand** was the key note speaker. In his address he spoke on the composite materials and their applications like aircraft structural materials, energy storage devices etc., He throw the idea of modifying natural fibres to be used for various application. Finally he informed the students about the various fellowships and scholarships available for higher education in New Zealand.

The second speaker was **Mr. Gokularasu** , Doctoral researcher, Taipei University, **Taiwan**. He briefed his present work on bio sensing composite materials for detecting, pesticides, glucose in the blood etc., Around 150 students from both UG and PG attended the programme and got benefited.

#### **TRAINING PROGRAM**

**DATE: 7.2.18; TIME – 2 – 4 pm; Venue: Old Auditorium**

A Training Program on **Facing the Giants** which is a crash course to face competitive exams like NET, Set, GATE confidentially was conducted. Dr.Pramesh, Associate Professor, A.V.V.M Sri Pushpam College, Poondi solved about 75 problems in organic chemistry. II & I PG students of both shift I & II attended the session and got benefited.

### **ONE DAY INTERNATIONAL FACULTY WORKSHOP ON SCIENTIFIC WRITING**

**Date: 8.2.18**                      **Time : 2.30 - 3.30 pm ;**                      **Venue: AC Seminar Hall (CS block)**

**Speaker: Mr. Raju Baskar ;** Doctoral Researcher, Department of Life Sciences, Ben – Gurion University of Negev, Be'er sheva, **Israel.**

**Mr. Raju** gave an insight into his present work on developmental biology and then briefed on the five pillars to concentrate while preparing a Curriculum Vitae. He also detailed on how to write an abstract and covering letter while applying for an internship or fellowship. Finally he suggested the various fellowships available in India and abroad for science students and faculty. Students and Staff of Chemistry Department participated and got benefited.

### **LECTURE WORKSHOP ON CAREER AVENUES FOR CHEMISTS**

**DATE : 8.2.18**                      **Time: 3.30 pm to 5.00pm ;**

**Venue: AC Seminar Hall (CS block)**

**MR. JEGAN,** Chemical and Metallurgical Superintendent,, CMT Laboratory, **Southern Railways,** Ponmalai, was the chief guest. He delivered a special lecture on job avenues in government sector for a chemistry graduate. He also shared his experience on how to prepare for government exams, which books to refer and gave an elaborate list of websites to check in order to get notification regarding jobs in government sector.Around 100 students from both UG and PG final year attended the program and got benefited.

### **Special Lecture 3**

**Date: 14.2.18**

A Special Lecture on “Beauty of Chemistry” which is a foundation Course on How to teach Chemistry was conducted . **Mr. Manivel,** an illustrious Aluminous and Managing Director, Veltech Masters Eng(p) ltd, was the chief guest. He insisted on the need to talk on the history of

the subject. He gave examples on macromolecules by correlating macromolecules and God's intention in nature. Faculty members of Chemistry Department participated and got benefited.

**DR. S. NAGARAJAN MEMORIAL QUIZ COMPETITION:**

**Date : 26.2.2018**

An **Intra-departmental written quiz competition** was held on 26.2.2018 . Both UG and PG students of Chemistry Dept., participated in this quiz competition. The prizes would be separately for UG and PG students.

**VALEDICTORY PROGRAM:**

The **Valedictory function of Chemistry Association** is going to be held on **5th March 2018** from 11.00 a.m to 1.00 a.m. The Annual report of the Chemistry Association would be presented by **Dr. T. Nalini**, the staff-in-charge of Chemistry Association. Prizes will be awarded for the winners of various competitions conducted throughout the year .