

Inauguration of Alchemy association activities

The Department of Post Graduate studies and Research in Chemistry, organized the inaugural of activities of Alchemy association for the year 2021-2022, at L. F. Rasquinha Hall, LCRI block on 28 March, 2022. The programme began with a prayer rendered by Viyola and team. Dr. Akshatha R. Salian, President of Alchemy association, delivered the welcome address and introduced the chief guest; Dr. Ivan Pinto, Former Head, Department of Chemistry, St. Aloysius College (Autonomous), Mangaluru. The programme was inaugurated symbolically by lighting the Lamp by the dignitaries on the dais. The chief guest recalled the Alchemy activities during his tenure in the department and shared his experience and also, emphasized the importance of active participation of all the students in the association.

Dr. Richard Gonsalves, Director of LCRI block, in his presidential address encouraged the students to participate in association activities and give their best and hence to make their M. Sc. days unforgettable. He congratulated the department for keeping the association activities active throughout the academic years and explained the very essence of upcoming national level intercollegiate fest: Analyst-2022 in the overall development of students. Ms. Swathi from first year Chemistry compered the programme and Ms. Nishatt Fathima from second year Chemistry rendered the vote of thanks.

The inaugural program was followed by an online guest talk by Dr. Anjali Anuraj, Post-Doctoral fellow, National university of Singapore, Alumna of M. Sc. Analytical Chemistry (2011 Batch) on the topic “Computational Modeling to understand the catalytic reaction mechanisms and pH sensing mechanisms”. Ms. Yuktha from First year Chemistry introduced the speaker. The speaker discussed about the modeling of industrially important catalysis reactions by using B3LYP method in Gaussian16 software. She explained the modeled Ethylene dimerization reaction and band structure engineering as an effective strategy for boosting the pH sensing properties of Graphene quantum dots. She also spoke about how she got motivated by the lecturers of the department to pursue research and in turn she encouraged the students for higher studies in India as well as in abroad. At the end of the session, the speaker addressed the questions from the students. The session was concluded with the Vote of thanks by Ms. Divya Shetty from second year Analytical Chemistry.

Reported by Dr. Akshatha R. Salian