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Indian Society of Chemists and Biologists (ISCB)

Regd. No. 95/96/180

Local Chapter (West Zone): Udaipur

Website: www.iscbudaipur.com

ABOUT SOCIETY

The Indian Society of Chemists and Biologists (ISCB) is a premier society established in the year 1995 with its headquarters at **Lucknow**. The society provides an interface for a close interaction among chemists and biologists. It has been actively engaged in promotion of education and research in the areas of chemistry and biology. Through various international and national conferences the society has been propagating the need for excellence in the areas of research in this country. The conferences organized by the society have been witnessed by the august presence of eminent chemists, biologists and Nobel laureates. The society encourages youngsters to pursue their careers in chemistry and biology and inspires them for quality research. The society has been providing inputs in identifying thrust areas of research which need to be promoted and pursued. The 19th International Conference under the aegis of ISCB was organized at Udaipur which was attended by a galaxy of eminent chemists and biologists from across the globe. The conference provided a platform for the local participants to interact with scientists of high repute and accomplishments. Udaipur became a choice of the society for its extended activities through a local chapter. The proposal for creation of a local chapter was subsequently approved and **Prof. A.K. Goswami** (Vice President of the Society) was appointed as Co-ordinator. The name of **Prof. S.D. Purohit** was approved as Co-co-ordinator of the Local chapter of ISCB. The ISCB entrusted the local chapter with the responsibility of spreading knowledge in science in general and chemistry and biology in particular among rural masses which have been deprived of the benefits of developments in these subjects.

ABOUT LOCAL CHAPTER

The idea of **Local Chapter of Indian Society of Chemists and Biologists** was mooted in an informal discussion among distinguished chemists and biologists involved in teaching and research here in Udaipur. It was strongly felt that methods of teaching and access to quality education in schools (read resource deficient schools) have largely been neglected. The charm and interest in science have been eclipsed by "**Packages**" of commerce and IT industry. The fundamental science has been left in limbo. The need of the hour is to rejuvenate interest among students aspiring for career in science. They need to be properly trained, educated and made to sense that opportunities in science are immense. The only need is to properly shape our process of learning. Problems of those who have poor access to resources, particularly in rural areas, need to be addressed immediately. It can not be left to governments alone. We have to bridge the gap between "**haves**" and "**have nots**". Those who are capable have to come forward and contribute in whatever possible ways. Education has suffered more because of water-tight compartments that have been created among different levels of science education. Academics are competing against each other for the goal which is same for all. They have to initiate cross-talks for common good of science in general and Chemistry and Biology in particular. ISCB through its local chapter will address these issues and motivate academia at all the levels for their so called "**Academic Social Responsibility (ASR)**". Culture of giving has to be developed- not in terms of money or material but in terms of our intellectual mind which we have nourished all through our careers. Contribution of a little time and a small step forward in this direction will make a sea change in the lives of our future scientists and educationists. Creation of Local Chapter of ISCB at Udaipur is such a small step in this direction. The chapter will strive to achieve its objectives in letter and spirit and will dedicate its effort to "**Scientetize**" people to reap the benefits of science for a healthy and better quality of life. This chapter will cover **West-Zone** including the states of **Rajasthan, Gujarat and Maharashtra** to begin with.

OBJECTIVES

Local Chapter of ISCB at Udaipur will cover all Zonal Chapters. Focus will be on:

- Disseminating scientific information in chemistry and biology among school children, particularly of rural areas.
- Imparting training to School, College and University teachers for effective teaching of the above subjects.
- Creation of nodal centres at Schools, Colleges and Universities for imparting practical training to Secondary and Post-Secondary students of rural areas.
- To provide interface to experts in Chemistry and Biology by organizing conferences/symposia.
- To organize lectures by eminent subject experts in Chemistry and Biology for School, College, University teachers as well as students at all the levels.
- To organize workshops for research students, research supervisors and teachers for project formulations, synopsis writing, paper writing, effective report writing and public speech.
- To develop low-cost effective methods for practical learning with minimum resources and providing know-how to school and colleges with meagre resources.
- Demonstration of practical exercises for conceptual learning through models, audio-visuals, quick experiments using mobile laboratory.
- The overall objective of the society is to motivate students as well as teachers at all the levels about conceptual learning of chemistry and biology. The "**Scientetization Mission**" will take care of creating scientific temper among rural students and society in general.
- To publish a Newsletter of the activities of the chapter.