

## SEMINAR ON “INDUSTRIAL HAZARDAS AND SAFETY”

IChE Amaravati Regional Centre in association with The Andhra Sugars Limited, Tanuku organized a one-day Seminar on “**Industrial Hazards and Safety**” on 30.11.2019 at Saggonda, West Godavari (Dist.). The seminar was inaugurated by Dr. A. Koshy, Director, RiskChem Engineering and Academy, Chennai by lighting the lamp followed by prayer in the presence of Dr. G.S. Venkataratnam, Honorary Treasurer, IChE, Sri P.S.R.V.K. Ranga Rao, Executive Director, The Andhra Sugars Limited Saggonda, Sri G. Ramesh, Chief Chemical Engineering, The Andhra Sugars Limited Saggonda, Dr. M.Venkateswara Rao, Honorary Secretary, IChE ARC, Sri R. Banerjee Babu, Honorary Joint Secretary, IChE ARC, IChE ARC members, other management members and employees of The Andhra Sugars Limited Saggonda . Sri P.S.R.V.K. Ranga Rao, conducted the proceedings.



**Details of Participants:** Total participants-70 (Participants from the Company -60 plus participants from nearby Industries and IChE ARC members)

Name of the speaker	Topic
<b>Dr. M. Venkateswara Rao</b> <i>Professor, Department of Chemical Engineering</i> <i>Dean, Examinations</i> RVR & JC College of Engineering (A) Chowdavaram:: Guntur Honorary Regional Secretary, IChE ARC	<b>Opening remarks and Importance of the Topic of the seminar “Industrial Hazards and Safety”</b>
<b>Sri G.Ramesh</b> Chief Chemical Engineer The Andhra Sugars Limited Saggonda, West Godavari (Dist.)	<b>Welcome Address</b>
Dr. A. Koshy Director, RiskChem Engineering and Academy #4 First Street, VGP Golden Beach South Part III Off East Coast Road, Chennai	<b>Occupational Hazards and Process Safety</b>
<b>Dr.G.S.Venkataratnam</b> Senior Principal Scientist (Retd.) CLRI, Chennai and Honorary Treasurer, IChE	<b>Safety- Is it a Value or Cost?</b>

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Presiding over the Inaugural Session, Sri P.S.R.V.K. Ranga Rao, Executive Director, The Andhra Sugars Limited, in his opening remarks, appreciated the IChE Amaravati Regional Center for readily accepting to conduct the seminar on Industrial Hazards and Safety, which is very relevant topic for any industry. He then gave a brief history of the company, the work culture, the company management commitment to "safety first" to their employees and promoting green environment within the company. Dr. M. Venkateswara Rao elaborated about IChE as a professional organization in general and IChE Amravati Regional Center in particular. He emphasized the importance of Safety in any organization, especially in chemical industry and appreciated the management of The Andhra Sugars Limited, Saggonda for coming forward to conduct this seminar at their company premises. This would certainly help their employees to reinforce their commitment to Safety First Principle, he said.

Sri G. Ramesh, Chief Chemical Engineer, The Andhra Sugars Limited, Saggonda warmly welcomed the gathering for the seminar, appreciating the initiative taken by IChE ARC to conduct this very important and industry relevant seminar at their company premises.

After the inaugural session Dr. A. Koshy, Director, RiskChem Engineering and Academy, Chennai explained the importance of occupational hazards, various types of types of occupational hazards like chemical hazards, biological hazards, psychosocial hazards, and physical hazards, ergonomic hazards and behavioral hazards. He discussed citing some of examples of the occupational hazards like excessive noise and heat are commonly found problems in industries, which can affect the hearing ability of worker. He requested the managements to build safety policies that address the specific hazards at workplaces. Dr. Koshy explained the importance of reporting the incidence hazards to the concerned authorities providing the information in chorological order of seriousness. He has interacted with the participants providing information related process safety.



In the post lunch session, Dr. G. S. Venkataratnam, Senior Principal Scientist (Retd.) CLRI, Chennai and Honorary Treasurer, IChE, an authority on Industrial hazards and Safety spoke in detail on the subject. He interacted with the audience quite frequently by involving them actively throughout his talk. It was like a work shop narrating some case studies how the safety procedures can be laid down and implemented effectively if the executives and the other employees have a open mind.

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He dealt with the fundamentals of industrial hazards and safety which reinforced the employees understanding with more clarity and appreciation.

Dr. Venkataratnam conveyed an important message that "Safe Production" is very much essential and it is more economical in the long run than simply "production". For this to achieve, he said, management of the company has to formulate safety policies and provide the necessary support, employees with no overconfidence, have to follow the safety procedures with rigor, and the Government has to oversee strictly implementation of guidelines. It is like a three vertices of safety triangle, he said.

In the interactive session, all the speakers actively participated to clarify the questions and doubts raised by enthusiastic employees and others. At the end of the session, Dr. M.Venkateswara Rao, summed up the seminar proceedings highlighting the relevance of the seminar and the important points made by the speakers and proposed the vote of thanks.