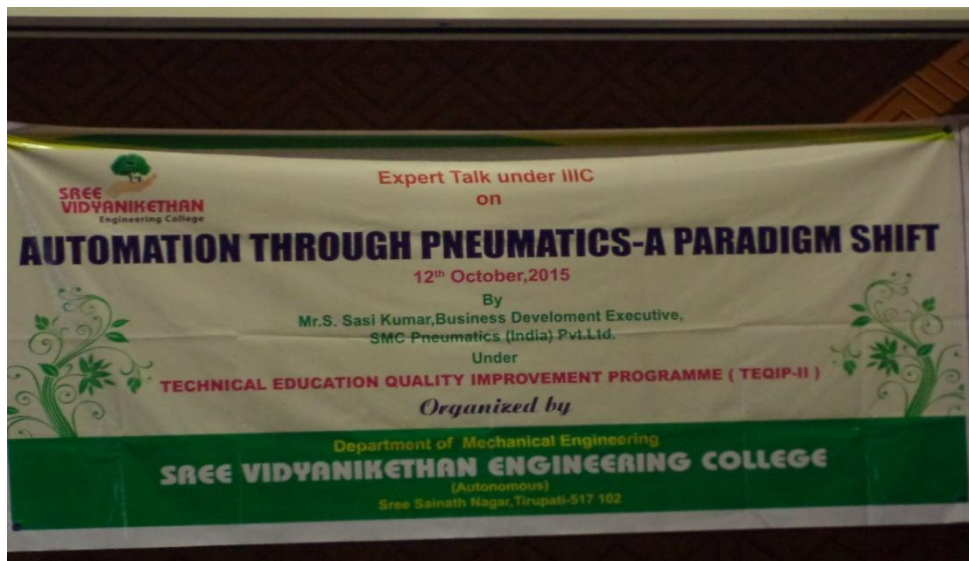


**An Expert Talk on**  
**“AUTOMATION THROUGH PNEUMATICS-A**  
**PARADIGM SHIFT”**  
**12<sup>th</sup> October, 2015**  
**(Under TEQIP-II)**

An expert talk was organized on “Automation through Pneumatics-a paradigm shift” by Mr.S.Sasi Kumar, Business Development Executive (Trainer) SMC Pneumatics (India) Pvt. Ltd., Chennai, Andhra Pradesh, activity sponsored by Technical Education Quality Improvement Programme (TEQIP-II) on the forenoon of 12.10.2015 by the Department of Mechanical Engineering, Sree Vidyanikethan Engineering College, and Tirupati.



Pneumatic logic is a reliable and functional control method for industrial processes. In recent years, these systems have largely been replaced by pneumatic - electronic control systems in new installations because of the smaller size, lower cost, greater precision, and more powerful features of digital controls.

The SMC Corporation is constantly developing innovative pneumatic products to ensure that they remain a first choice employer, at the forefront of their industry. Mr.S.Sasi Kumar the speaker from SMC India Pvt Ltd. Chennai, delivered lecture on "Automation through Pneumatics-a paradigm shift". He emphasized on the basics of pneumatics and its applications in the industry and also the speaker gave introduction to various pneumatic devices.

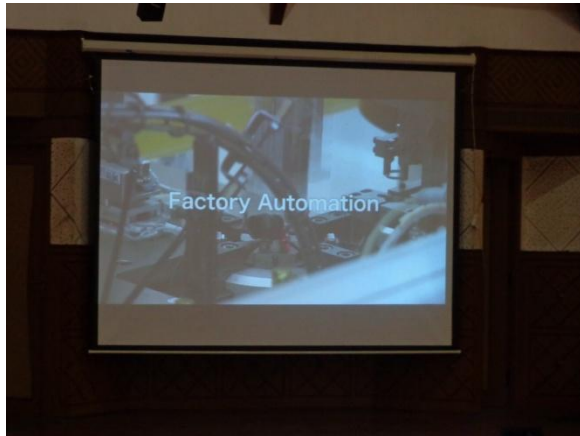


**Mr.S.Sasi Kumar, SMC Pneumatics (India) Pvt. Ltd addressing the gathering along with his team members**



**Mr.S.Sasi Kumar, delivering the lecture on Pneumatics**

His lecture created interest in students by focusing much in the theory, development and application of pneumatic technology. And, in addition, Mr.Sasi Kumar imparted an advanced technology with an informative and interesting refresh modifying pneumatic systems, Mr.Sasi Kumar also enlightened the advantages, reliability, and simplicity of design and control and safety concepts while using the advanced pneumatic devices.



**Mr.Sasi Kumar addressing the doubts raised by the Dr. K. C. Varaprasad**

In his lecture Mr.Sasi Kumar presented many videos related to the application of pneumatics in driving automated industries. At the end Mr.Sasi Kumar concluded his lecture by showing unique opportunity for the students to become part of a global team with local commitment to the development of automation through pneumatics and also motivated the students who are looking for new challenges in automated industries and would welcome the opportunity to grow with their reputed industry.

The students of Mechanical Engineering got enriched by the interaction with Mr.Sasi Kumar, his knowledge and experience helped them in appreciating the significance of various subjects they are studying for development of automated devices using pneumatics.