

Department of Applied Physics

Invited talk on, “Recent Advancements in Chemical Engineering”

Report

8th August 2017

Department of Applied Physics planned to conduct an **Invited talk on, “Recent Advancements in Chemical Engineering” on 8th August 2017**, to create an awareness about the **Recent developments in Chemical Engineering** among the staff members and Chemical Engg students. This talk was planned in association with the Chemical Engg department and was formerly approved by the Principal of SVCE.

On 8-8-2017, Invited talk was started with the Welcome Address by **Prof. M. Sivanandham, Secretary, Sri Venkateswara Educational and health Trust**. In his address, he discussed about the **importance to know about the recent research developments in the field of applied sciences and engineering** and also he appreciated effort by the HoD - Applied Physics for organizing this Invited talk.

Capt. Dr. A. Bhaskaran, Prof and Head, Convenor, introduced the speaker **Prof. P. V. Ramachandran, F.R.S.C, F.R.A.S, Professor in Organic Chemistry, Purdue University, USA**, to the audience. In his introduction, he mentioned that Prof. P.V. Ramachandran worked with **Prof. H.C. Brown (Noble Laureate in 1979), Prof. Ei-ichi Negishi and Prof. Akira Suzuki (Noble Laureates in 2010)**.

Prof. P. V. Ramachandran, delivered an informative technical talk about **“Recent Advancements in Chemical Engineering”**. In his lecture, he covered the following topics with excellent applications,

Organoborane and fluoroorganic chemistry, continuously developing novel reagents and reactions to make organic synthesis less challenging.

Synthesis of pharmacologically active natural products and their analogs.

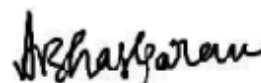
borate-containing molecules in materials chemistry, particularly as renewable energy storage and high energy materials.

Fabrication of functional self-assembly materials to devices and integration of such devices for printed electronics

Fabrication energy harvesting devices.

At the end of this great day, the participants are enlightened with little knowledge about the **Recent developments in Chemical Engineering** in the field of Chemical Engg.

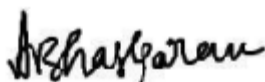
As the Convenor of this technical talk by the Department of Applied Physics and Department Chemical Engg, I am very much thankful to the Management, Secretary and Principal for supporting me for conducting this great event successfully.



CONVENOR

Invited talk on,

"Recent developments in Chemical Engineering"



(Dr. A. BHASKARAN)

Prof and Head

Dept of Applied Physics, SVCE

Guest Lecture by Prof. P. V. Ramachandran, on 8 August 2017

