



THE SOCIETY FOR POLYMER SCIENCE (INDIA)

AN INTRODUCTION

**SPSI North Eastern Region
Indian Institute of Technology, Guwahati
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SOCIETY OF POLYMER SCIENCE : EARLY ORIGINS

- **1979** : The Society established at the Department of Physical Chemistry, AC College of Technology Campus, Madras (Chennai)
- **1984**: The first International Conference devoted to Polymer Science in India, organized in Chennai by Professor M.Santappa, then Director, CSIR-CLRI, Chennai; global participation and sponsored by IUPAC
- **1984**: 60th birthday of Professor M.Santappa. His students create an endowment from which an Award for practicing Polymer Scientists is created; the first such award for polymer scientists in India
- **1984-90**: Department of Physical Chemistry conducts periodic seminars in polymer science at Madras (Chennai). Dr R.A. Mashelkar assumes office as the first President of the Society
- **1991**: Polymers@1991 is convened at CSIR-NCL, Pune in January 1991.International participation. Doyens of Indian Polymer Science, Professor Santappa, Professor S.K. De, Professor and R.D. Patel, Professor Ms Indra Verma and Professor Ashok Misra attend Polymers '91. Informal discussions to form a National Society for Polymer Science.

BIRTH OF THE SOCIETY FOR POLYMER SCIENCE, INDIA



- **1994:** The decision to form a National Society takes root at IPCL, Vadodara on the sidelines of POLYMER 1994. Professor Ms. Indra Verma of IIT elected as the first President of the National Society. Three regional polymer societies voluntarily agreed to merge to form the National Society
- **1995-98 :** MoA drafted, decision to make NCL-Pune as the headquarters taken and the Society registration process initiated
- **August 16 2001 :** Society for Polymer Science , India registered as a not-for-profit Society in the state of Maharashtra. Society constituted with affiliated Chapters in eight cities. Cities chosen based on the extent of polymer science activity in the region
- **2000:** Professor Ashok Misra assumes the office as third President of the Society
- **2009;** Dr. S. Sivaram assumes office as President
- **2015:** Professor Ramakrishnan assumes office as President

WHAT DOES THE SOCIETY DO ?

- Hosts a National meeting with increasing international participation every two years. The meeting attracts over 750 participants of which roughly half are students. The meetings are organized in different parts of the country; fifteen conferences held so far
- Bridges academia with industry; large industrial participation in our meetings
- Provides opportunity to young students to interact with their peers in polymer science discipline
- Builds international networks and visibility for Indian Polymer Science; founding member of the Federation of Asian Polymer Societies (FAPS), established links with SPS, Japan
- Encourages regions of India to organize local events

RECOGNIZING EXCELLENCE IN SCIENCE

Continued and expanded the tradition of encouraging excellence in research

Professor Santappa Award

Established : 1988

- A pioneer in polymer science research in India; established a vibrant school of polymer science research at the University of Madras in 1953.
- First paper published from his laboratory in 1955
- Rates of initiation and chain-transfer constant on the polymerization of methyl acrylate, V. Mahadevan and M. Santappa, Die Macromol. Chem., 1955, 16, 119.



1923-2017

RECOGNIZING EXCELLENCE IN SCIENCE

Professor Kaushal Kishore Award

Established : 2014

- An outstanding physical chemist who pioneered polymer science research at IISc, Bangalore; passed away at his prime at 51
- Pioneered the study of thermochemistry of polymers, high energy materials, polymer degradation, flammability of polymers, mechanism of plasticization; polyperoxide chemistry
- Awards identifies young scientists below the age of 40



1948-99

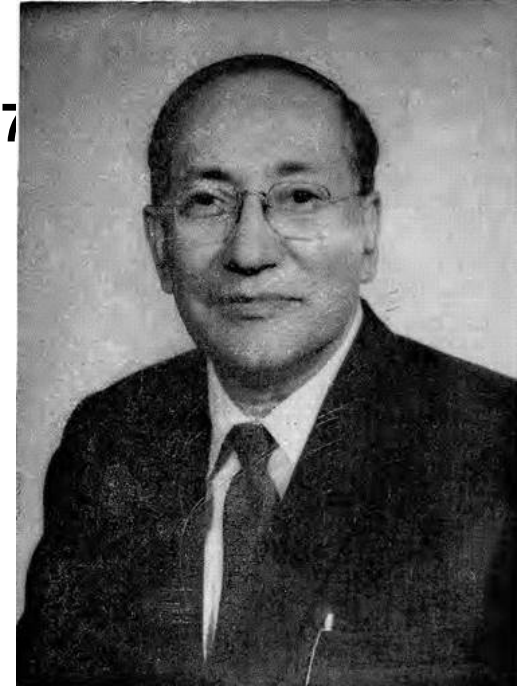
PROVIDING PLATFORMS FOR DISTINGUISHED SCIENTISTS TO SPEAK IN OUR CONFERENCES

Endowment Lectures

- Santi Palit Endowment Lecture (established 2017)**

Established in honour of Professor Palit, India's first scientist to practice polymer science; Published the first paper in polymer science from India

Sadhan Basu, J.N.Sen and S.R.Palit, Degree of polymerrization and chain-transfer in methyl methacrylate, Proc.Royal Soc., **1950**, p.485



- Sivaram Endowment Lecture (established 2017)**

1912-81

WELCOME TO THE FAMILY !

- Northeast region as the Ninth Chapter of Society of Polymer Science, India
- Our thanks to IIT, Guwahati for taking the initiative to organize a Chapter
- I thank all the institutions of the North east region for their support of this initiative

2020 marks a landmark year for the science of polymers, the centenary year of the publication of Herman Staudinger paper, defining the concept of “macromolecules”. I would like to encourage all Chapters to organize events to mark this landmark and also write about this subject in magazines, local newspapers and other media

THANK YOU

