

1. PUBLICATIONS IN DIFFERENT FIELDS

A.Publications in the Electro Static Discharge Field:

- I. “Methods of controlling Static Electricity”
Paper presented at the National Seminar on Electro-Static Hazards conducted by the Loss Prevention Society of India on Feb 19 (1999) at Hyderabad, India.

- II. “Electro-Static Discharges as hazards and control of such hazards”
Proceedings of the National Seminar on Fireworks safety '99 held during July 17-18 at Mepco- Schlenk college of Engineering, Madurai, India.

- III. ‘Latest trends in Electro-Static Discharge Controls’
Paper presented at workshop conducted by Componex Electronic India at Bangalore (2002) During Jan 30th – 31st, 2002.

- IV. “Cleanroom and ESD – conflict or compromise”
Paper presented at Componex Electronic India (2003) at Bangalore held during Jan 21st – 24th .

- V. "Electro- Static Discharge Hazards in Chemical and Bio-Chemical Processes"
Chemical Engineering World (2005) Vol.40
(1) p,82.
- VI. "ESD Models – General applicability"
Paper presented at CONQUEST 2006 workshop,
Hyderabad.
- VII. ESD in the "Woven Sack Industry and Static"
-Dr.C.S.Sudheendranath and Raj Kiran
-Paper circulated to the members of the Indian
Woven Sack Industries Association .
(Jun-2008).
- VIII. "Understanding Static Charging Through Chemical
Models" Part-I
-Dr.C.S.Sudheendranath
Global SMT India Volume –9 No.1(2009)
- IX. "Understanding Static Charging Through Chemical
Models" Part-II.
-Dr.C.S.Sudheendranath
Global SMT India Volume –March(2009)
- X. "Understanding Static Charging Through Chemical
Models" Part-III
-Dr.C.S.Sudheendranath
Global SMT India Volume –25th May(2009)

- XI. Understanding Static Charging Through Chemical Models” Part IV
-Dr.C.S.Sudheendranath
Global SMT India Volume –13th August (2009)
- XII. Dr.C.S.Sudheendranath Biography has been included in the latest edition (26th Edition-2009) of “Who is Who” in the World. Published by Marquis, USA.
- XIII. An interview with the news paper “Bangalore Mirror”(Times of India publication) on Electro Static Discharge and its Control
- IV “Electro static discharge and Fires”
- Dr.C.S.Sudheendranath
Fire world (July-august 2011)Page No.12
- XV. presentation made at the technical conference of **Aero India** February 2013 show at Bangalore.

B. PUBLICATIONS IN THE FIELD OF DAIRY CHEMISTRY:

(I) "A simple method for estimation of Chloride and Lactose in Milk"

Indian J. Dairy Sci., 16 (1963), p.41

(II) " A simple and rapid method titrimetric method for the successive estimation of total proteins , chloride and lactose in milk".

Indian J. Dairy Sci.,V 61 XVIII(3) p,91 (1964)

(III) " Constant potential amperometric technique for the successive complexometric determination of calcium and magnesium".

" The Analyst" (1964).

(IV) "Quick Method for estimating Calcium and Magnesium in Milk by direct EDTA method"

J, Dairy Sci., as quoted in ISI Bulletin Vol.16 (1964) p.130.

(V) " A titrimetric method for the estimation of solids not-fat in milk"

Indian J.Dairy Sci., Vol xviii (I) p,31 (1965).

(VI) "Modern methods for Analysis of Milk and Milk Products"

-Review paper presented at the Seminar on Quality Control of Milk and Milk Products conducted by the Indian Science Association March 1969 at Bangalore.

(VII) "Temperature Co-efficient of electrical conductivity of Skim Milk"

-Proceedings of the Indian Dairy Science Association meeting at Baroda 1970.

(VIII) "Standardised Volume of Pipette for fat Determination by Gerber Method using Buffalo Milk (high fat content) p.90, Annual Report, NDRI, 1972.

(IX) "The electrical Conductivity of Milk in Non-aqueous mixed solvents"

-International Dairy Science Congress,(1974) Sydney, Australia.

(X) "The electrical Conductivity of Milk"

-Proceedings of the IVth International Congress on Food Science and Technology,p.51,Vol II (1974),Madrid, Spain.

(XI) "The inter relationship of electrical Conductivity, Relative Viscosity and Absolute Temperature in Skim-Milk"

-Indian J.Dairy Sci., 42 (1989), p.543-546.

(XII) "Successive Complexometric estimation of Copper and Iron in Milk by Constant Potential Amperometry"
-J Food Sci & Tech. (1991)

C. Publications in the field of Organic Chemistry:

(I) "Enamines as 3-Oxo Vinyl Anion equivalents"
-J. Indian Chem.Soc., LVIII (1981) , p.973

(II) "3-Metallated Enamines VI -1,3-Oxo Silanes
Via Silylation of 3-Metallated Enamines"
- Synthesis (1982) , p.717-719.

(III) "Deprotonierung und alkylierung von 3-Silyl Enaminen- ein einfacher weg zu 3-Silyl Carbonyl Verbindungen"
- Dissertation for the degree of Doktor der Naturwissenschaften, Justus Liebig Universitaet, Giessen, Fedaral Republic of Germany (1982)

2. ESD Training and Audits.

A. SPACE AND AERONAUTICS:

I. Have trained Two Thousand (2000) Scientist from the Indian Space applications center at Bangalore

And also undertaken Technical Audit and corrective action in the field of Electrostatic Discharge and Control at the laboratories of the ISAC, Bangalore

II. Have conducted training and conducted technical Audits at Honeywell Bangalore and Madurai

III. Have trained about 120 Engineers from the Austronautical Society of Malaysia at Kuala Lumpur

IV. Have made presentations at the Base Repair workshops at Pune and Nagpur for the Indian Air Force

V. Made a presentation on Electostatic Discharge Control Management at the Technical session of THE AEROSPACE 2013 at Bangalore

VI. Have trained Engineers of Goodrich Aerospace pvt.ltd.

B. Field of Electronics and Telecommunications:

Have trained around 8000 (eight Thousand) Engineers from various Electronic device manufacturers, Research and Development Laboratories, and various Public Sector Industries in this Sector.

Have also conducted technical Audits with recommendations at these organisations for effective Static Discharge Control.

C. Field of Energy generation:

Conducted Technical Audits and recommended corrective action for Electrostatic Discharge Control at the Digital Control Centers of the Nuclear Power Corporation at **Tarapore and Kaiga Power Plants.**

D. Field of Pharmaceutical Manufacture:

Conducted training for Engineers of Orchid Pharmaceuticals, Chennai .Conucted Technical Audits and and suggested Corrective action for Static Discharge Control at Orchid Pharma, Chennai; Cipla Pharma at Goa & Pune; Astra Zeneca at Bagalore; Teva Pharma at Pune and Mumbai

E. Field of Paint Manufacture:

Have conducted technical Audit and recommended corrective action for Static Discharge Control at Asian Paints, Hyderabad TVS Automobiles, Hosur.

F. Field of Polymer Science

Conducted training in Electrostatic Discharge Control for Engineers of Polyfibers (U.P) .

G. Field of Automobile Electronics:

Have conducted Technical Audits and corrective action for Static Discharge Control at:

Visteon, Chennai (also conducted Training)

Siemens-VDO, Bangalore

Minda Plants at Pune

Bosch Facilities at Bangalore and Coimbatore (conducted training courses at both facilities)

H. Field of Medical Electronics:

Have conducted Training and ESD Audits at Wipro-GE and GE Medical Systems, Bangalore

Audited Phillips Medical Instruments at Pune

Industry segments addressed:

1. Electronics Manufacturing
2. Medical Device manufacturing
3. Automotive
4. Pharmaceutical
5. Polymer processing
6. Paint industry
7. Explosive manufacturing
8. Aerospace Applications
9. Electronics Design and Development Labs
10. Power Generation and Transmission
11. Telecommunications .

