

Dr.rer.Nat C.S. SUDHEENDRANATH



ESD Management and Consultancy .Pvt. Ltd
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Date of Birth : **13-10-1942**
Age : **73 Years**
Citizenship : **Indian**

Educational Qualification:

1. Bachelor of Science B.Sc (Mysore University)(1961)
2. Associate Membership of the Institution of Chemists (India)A.I.C (1968)
Subject: Analysis of Foods: Analysis of oils, fats and Soaps
3. Diplom Chemiker Dipl. Chem (1978)(Organic Chemistry)
Justus- Liebig University, GIESSEN/LAHN, Germany
4. Doktor der Naturwissenschaften
Justus- Liebig University GIESSEN/LAHN, Germany.
Dr.rer. Nat (1982),(Organic Chemistry)

Membership of Professional Organizations:

- Elected Fellow of The Institution of Chemists (India)
- Fellow and Life Member of the Society for Aerospace Quality and Reliability
- Fellow and life member of the Indian Chemical Society
- Member of the Electro Static Discharge (ESD) Association, U.S.A.
- coordinator for iNARTE activities in India, USA

Publications:

- Dairy Chemistry: Fourteen Research/Technical papers
- Neuro- Chemistry : Three Research Presentations
- Organic Chemistry: Three Research papers

Publications in the ESD Field:

1. **“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.
2. **“Electro-Static Discharges as a hazard 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.
3. **“Latest trends in Electro-Static Discharge Controls”**
Paper presented at workshop conducted by Componex Electronic India at Bangalore (2002) During Jan 30th – 31st, 2002
4. **“Cleanroom and ESD – Conflict or compromise”**
Paper presented at by Componex Electronic India (2003) at Bangalore held during Jan 21st – 24th (2003)
5. **“Electro- Static Discharge Hazards in Chemical and Bio-Chemical Processes”**
Chemical Engineering World (2005) Vol.40 (1) p,82
6. **“ESD Models – General applicability”**
Paper presented at CONQUEST 2006 workshop, Hyderabad
7. **ESD in the “Woven Sack Industry and Static”**
-Dr.C.S.Sudheendranath and Raj Kiran-Paper circulated the Indian Woven Sack Industries Associations to its members (Jun-2008)
8. **“Understanding Static Charging Through Chemical Models” Part-I**
-Dr.C.S.Sudheendranath
Global SMT India Volume –9 No.1(2009)
9. **“Understanding Static Charging Through Chemical Models” Part-II**
-Dr.C.S.Sudheendranath
Global SMT India Volume –March(2009)
10. **“Understanding Static Charging Through Chemical Models” Part-III**
-Dr.C.S.Sudheendranath
Global SMT India Volume –25th May(2009)
11. **Understanding Static Charging Through Chemical Models” Part-IV**
-Dr.C.S.Sudheendranath

12. “Electro static discharge and Fires”

- Dr.C.S.Sudheendranath

Fire world (July-august 2011) Page No.12

13. “The Woven Sack Industry and Static”

- Dr.C.S.Sudheendranath & Mr.K.RajKiran (Inarte Certified ESD Engineer)

14. “A Practical Approach to Assessing Human body Discharge Potential”

- Dr.C.S.Sudheendranath & Mr.K.RajKiran (Inarte Certified ESD Engineer)

Published in IPC Technical Meeting

Experience in the field of ESD:

Courses Handled:

- ESD Awareness Course for Engineers. About 15,000 Engineers have been trained
- Full-day Workshop for senior executives of the Indian Space Research Organization. Trained about 500 Scientists.
- Half-a-day workshop for Technicians and Operators. Trained about 4000 workers.
- Orientation Course for Software Engineers and Senior Managers, Trained about 6000 engineers.
- Short Presentation on ESD for private organisations including Architects, power plant managers etc.,
- Total numbers of presentations are about 250.
- Training for around 160 aeronautical engineers of The Aeronautical Society of Malaysia, Kuala Lumpur in ESD .
- Presentation at the Electronics warfare seminar held at Nagpur.
- About 160 Engineering Students are educated in the field of ESD

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

Key Notifications:

- Dr. C.S. Sudheendranath's Biography has been included in the latest edition (26th Edition-2009) of "Who's Who in the World" Published by Marquis, USA.
 - Dr. C.S. Sudheendranath's Biography has been included in the latest edition (2nd edition-2012) of "Who's Who in Asia."
 - Dr.C.S. Sudheendranath's Biography has been chosen for publication In "2000 outstanding intellectuals of the 21st century" 9th edition September 2015 published by international biographical center Cambridge U
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