

BIODATA

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Government Polytechnic,
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Dr. M. Sivarama Krishna
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Andhra Pradesh.

Name: Dr. M. Sivarama Krishna

Father name: M. Sreeramulu

Qualification: SSC (Board of Secondary School Education, A.P, Hyderabad)
Intermediate (Board of Intermediate Education, A.P, Hyderabad)
B.Tech (Electronics and Communications, Sri Venkateswara University, Tirupati)
M.tech (Instrumentation and Control systems, JNT University, Hyderabad)
(Ph D work from supervisors of Jadavpur University and IIT, Kharagpur)
Honorary Doctorate, University of Asia, North Korea.
Honorary ph D (Engg), California Public University, USA.
Doctor of science in ECE, Ballsbridge University, Dominica.

Experience: Twenty Five years in Teaching Field
Eight years in Research and Development

Membership:

1. Chartered Engineer (Institution of Engineers, Kolkata)
2. Life member in IE (Institution of Engineers, Kolkata)
3. Life member in ISTE (Indian society for Technical Education), New Delhi
4. Life member in IETE (Institute of Electronics & Telecommunication Engg. New Delhi)
5. Life member in IDEA (Indian Dairy Engineers Association, Karnal, Chandigarh)
6. Life member in TERA (EURASIA Research, Jaipur, Rajasthan)
7. Life member in IAENG (International Association of Engineers, Hong Kong)
8. Member in IDA (Indian Dairy Association, New Delhi)
9. Life member in CEGR (Centre for Education Growth and Research, New Delhi)
10. Life member in UWA (United Writers' Association, Chennai)
11. Life member in InSc (Institute of Scholars, Bangalore)
12. Life member in ICCI (Integrated Chambers of Commerce and Industry, New Delhi)
13. Life member in SCIEI (Science and Engineering Institute, U.S.A)
14. Member in IARA (Indian Academicians and Researchers Association, Gowhati)
15. Life member in CEGR (Centre for Education Growth and Research, New Delhi)
16. Member in ISDS (International Society for Development and Sustainability, Japan)

Additional Qualification:

- C language fundamentals
- Hardware and networking
- Mat lab exposure and its various application

Papers published:

1. OFDM (Orthogonal Frequency Division Multiplexing) in National conference on wireless and mobile communication held at Vardhaman College of Engineering, Hyderabad.
2. Lossless compression of Digital Images using context based Adaptive Prediction Techniques in National Conference on Radar Technology and signal process techniques held in Sri Venkateswara University, Tirupati, (A.P).
3. Fabrication of a fractional order capacitor with desired specifications: A study on process identification and characterization. IEEE transactions on electron devices.
4. A low cost instrumentation system to analyze different types of milk adulteration. ISA transactions ELSEVIER.
5. Performance study of a constant phase angle based impedance sensor to detect milk adulteration. *Sensors and actuators A: physical* ELSEVIER
6. Performance of a constant phase element (CPE) sensor to detect adulteration in cow – milk with whey. IEEE sensors 2009 conference, Newzealand
7. Characterization of a fractional order element realized by dipping a capacitive type probe in polarizable medium. Symposium on fractional signals and systems Lisbon, Portugal 2009.
8. Study of electrical equivalent model of the PMMA coated probe dipped in milk and milk adulterated with tap water. IEEE international conference on industrial Electronics, control and Robotics 2010
9. Design of a low- cost constant phase angle based sensing systems to detect natural milk and synthetic – milk reconstructed from Liquid-whey. SENSORCOMM-2011 the fifth international conference sensor technology and applications, France.
10. Study of electrical equivalent model of the PMMA coated probe dipped in milk and milk adulterated with urea. Second IEEE International Conference on Engineering Applications of Information Technology.

11. Biocorrosion pattern of Retrieved 316L stainless steel orthopedic Implants. National conference on life & work of SIR JC BOSE in the perspective of modern science & Technology march 20-21, 2009, Kolkata.
12. Mathematical modeling for Biocorrosion pattern of Retrieved 316L stainless steel orthopedic Implants induced with sports related orthopedic mechanism Sportsmedcon-2011 - 12th Annual conference, Kolkata.

Awards:

1. Indo-American Award for Research Excellence (The Indus Foundation, Hyderabad)
2. Dr. Abdul Kalam Life Time Achievement Award (IISER, Bengaluru)
3. Bharat Gaurav Award (IIFS, New Delhi)
4. Mahatma Gandhi Excellence Award (IIFS, New Delhi)
5. National Best Teacher Award – 2017 (CVSKTC, Tirupati, A.P.)
6. Pride of Nation Pratibha Samman Award – 2017(MVLA Trust, Mumbai)
7. Lifetime Achievement Golden Peacock Award – 2017(MVLA Trust, Mumbai)
8. Pride of India Award – 2018 (CIPI, NewDelhi)
9. Bharat Ratna Rajeev Gandhi Gold Medal Award – 2018 (GEPR)
10. Bharat Ratna Atal Bihari Vajpayee Excellence Award-2018(IIFS)
11. Education Excellence Award-2018
12. International Goldstar Millinium Award-2019 (Thailand)
13. Bharat Shiromani Award – 2018-19(Shiromani Institute, New Delhi)
14. Best Scientist Award – 2019 (Indian Academic Researchers' Association)
15. Rashtriya Vidya Gaurav Gold Medal Award (IIEEM, New Delhi)
16. Dr.A.P.J.Abdul Kalam Education Excellence Award (Indian Solidarity Council, New Delhi)
17. Best Citizens of India Award (International Publishing House, New Delhi)
18. Mahatma Gandhi Life Time Achievement Award-2019 (IIFS)
19. HOD of the year Award 2019(InSC, Bangalore)
20. Best Researcher of the year Award-2019(CEGR, New Delhi)
21. Admirable Achiever Award (UWA, Chennai)
22. Excellence in Education Award (Venus International Foundation, Chennai)
23. International Excellence award for Sensor Design in Human Application with Gold Medal. (GAF, New Delhi)
24. State Best Teacher award -2019 (Head of section category), Government of Andhra Pradesh.
25. INDIRA PRIYA DARSHINI National Award (Health Care International, Hyderabad).
26. MAHTMA GANDHI LEADERSHIP Award presented in HOUSE OF COMMONS, LONDON (NRI Welfare Society of INDIA).
27. Best Polytechnic Teachers Award-2019. (ISTE, NEW DELHI).
28. Professional Excellency Award- 2019. (X-RAY Foundation, Vijayawada, Andra Pradesh)
29. Global Teacher Role Model Award – 2019. (MVLA Trust, Mumbai)
30. Best Scientist Award (ITSR Foundation Award - 2020)
31. Inspirational Icon of the year Award- 2020(ICCI- New Delhi)
32. Indo Asian – Best Researcher Award 2021 in Electronics & communication Engineering.
33. “Outstanding Asian Faculty Award (Multiple Disciplines)”
34. Sardar Vallabhai Patel I- The Iron man of India; 2021 Academic Award for Lifetime Achievement National Award for Innovations in Research.

35. C V Raman Prize 2021 (Institute of Researchers, Kerala, India)
36. International Best Researcher Award-2021 (ISSN, International Society for scientific Network)
37. Best Researcher Award (International Research Awards SHEN 2021, Science Father)
38. Excellence in Research Award (Academicians & Researcher Guild Awards – 2022)
39. Excellence Service Award (INSO Awards – 2022)
40. Most Promising Research Scholar (Gurukul Academic Award – 2022)
41. Award of Excellence in Research (Novel Research Academy, Pudicherry, India-2022)
42. Lifetime Achievement in Educational / Academic Service (RCS Awards & Honors - 2022)

Brief summary of my Research work:

The Adulteration of milk (both cow milk and buffalo milk) is a big challenge for scientists and engineers, also it is a long pending social problem which poses a serious health hazards to human life especially to children. As a part of my research work we have developed an electronic sensor that detects the adulteration in milk. We were presented this work in many National and International conferences and finally we obtained global appreciation for this work. My guide is planning to apply for patent of this work.

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Languages known: English, Telugu and Hindi.



(Dr. M. Sivarama Krishna)