

SINDHU SRINATH

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Nationality: Indian

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EDUCATION

BE	Electrical and Electronics Engineering	GSSSIETW
MTech	Computer Applications to Industrial Drives	The National Institute of Engineering

RESEARCH PAPER

A Multilevel Inverter Topology for Driving a Single Phase Induction Motor

Co-authored with Bharath Y. K., 4th IEEE

Conference, I2CT (ISBN: 978-1-5386-5232-9)

<https://ieeexplore.ieee.org/abstract/document/9057953/metrics#metrics>

SOFTWARE PROFICIENCY

- Programming Languages: C, C++, JAVA
- Application Packages: MATLAB/Simulink, PSpice, Autocad, Solid Edge, Ride, Keil, PSim, Code Composer Studio, DOPSoft, WPLSoft, LabVIEW, Arduino/Genuino IDE, MiPower, Visual Studio, Proteus
- Office Package: MS Office

PROJECT PROFILE

1. A Multilevel Inverter Topology for Driving a Single Phase Induction Motor

Designed to run in PSim software package and hardware implementation carried out.

2. Emergency Charging Of A Mobile Phone Using Solar Energy

Alteration of phone to charge using solar power and pyranometer designed to measure insolation.

WORKSHOPS

Solar Energy Systems	ICER, IISc, Bengaluru
LabVIEW	National Instruments

INTERNSHIPS

Kirloskar Electric Company	Mysuru
MAS Automation	Mysuru

LANGUAGES

English	Professional/Native/Bilingual
Kannada	Native/Bilingual
Hindi	Conversational
Telugu	Conversational

EXPERIENCE

i2t2	Content Creator and Product Specialist
Raitha Agrogator Pvt. Ltd.	Associate Specialist

AWARDS

President's Award for Outstanding Academic Excellence	U.S.A.
President's medal for Voluntary Service	U.S.A.
Yuvashri	Mysuru Sahitya mattu Samskrutica Pratishtana
Sadhanashri	Mysuru Sahitya mattu Samskrutica Pratishtana

ACADEMIC ACHIEVEMENTS

3 rd Science Talent Search	International	1 st rank
Reflections - Article	District (U.S.A.)	1 st prize
World Environment Day - Kannada Essay	District	1 st prize
Table tennis	District	1 st prize
Spot poetry	Intercollegiate	2 nd prize
Chess	Intercollegiate	2 nd prize
Skit	Intercollegiate	2 nd prize
Digital music collage	Intercollegiate	2 nd prize
Chess	University	3 rd prize

CO-CURRICULAR EXPERIENCE

Online book reviewer	http://onlinebookclub.org/reviews/by-swara-sangeet.html
YouTube channel - ShubhaprernaNa	https://youtu.be/C5kvYT5pdr4
Gaade Tili Bhaashe Kali (Selected by CIIL, Government of India)	Co-author with G. Rashmi
District 1 st rank in Carnatic Music Vocal Senior	KSEEB
First class with distinction in Carnatic Instrumental Junior - Veena	KSEEB
Devaranama – junior grade	Karnataka Gamaka Kala Parishat
Published poems and articles	Deccan Herald
Numismatics, swimming, philately	Other hobbies
MA – Bharathanatyam	KSGHMPU