RESUME

Dr.SHIVAJI.BHUKYA
H.NO:1-8, seethalathanda (VI),
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Telangana -508238.

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RESEARCH ID's
ORCID ID: Https://orcid.org/ 0000-0002-6893-880X
SCOPUS ID: https://scopus.com/authid/detail.uri?authorid=57211287168
Google Scholar ID: https://scholar.google.co.in/citations?user=7cBj1CEAAAAJ&hl=en
Web of Science ID: https://publons.com/researcher/3281786/shivaji-bhukya
Mendeley ID: https://www.mendeley.com/profiles/shivaji-bhukya/

MEMBERSHIPS
Life Member ISTE

Objective

To work in a prestigious organization as well as pursue a career in research.

SUMMARY

Experience	10 years
International Journals Publications	19
Scopus paper Publications	7
Web of science Publications	1
Workshop/FDP/STTP Attended	25
Workshop/STC/Seminar Conducted	05
IEEE paper Publications	3

Educational Qualifications

Qualification	Branch	Institution	Board/ University	Year of Passing
Ph.D	Power Electronics	BHARATH University	DEEMED	2021
M.Tech	Power Electronics	SITAMS engineering college.	JNTUA	2013
B.Tech	Electrical & Electronics Engineering	Madhira Institute of Technology and Sciences-KODAD	JNTUH	2009
Intermediate (10+2)	Mathematics, Physics & Chemistry	SV junior College-kodad.	Board of Intermediate Education.	2005
S.S.C (10^{Th} Std)	**Ge**neral Studies	Z P High School-paleannaram.	State Board of Secondary Education	2003

Paper publications: 27

1. B.Shivaji, P.Mamatha, Y.Mounika. "Optimized modulation for ac-dc harmonic immunity in vsc hvdc transmission", published in IJASTEMS vol 1, issue 1, and July 2015 page: 15-19.
2. B. Shivaji, K.Swathi. "Source Impedance Modeling of Grid-Connected VSC", published in IOJETR, vol 2, issue 4, September 2015 page: 789-798.
3. B. Shivaji , M.Bhavanianusha "A Novel three phase buck boost ac –dc converter", published in IOJETR vol 2,issue 4,sept 2015 page :
4. B. Shivaji, V.Sravanthi, K.Sravani "Inverter design using pv system boost converter", published in IJMTST, vol2, issue 2, feb2016, page: 17-20.
5. B.Shivaji, Goli Srilatha, CH. "Kalpana Simplified PV Module Simulator with MPPT", published in IJMTST, vol2, issue 2, Feb. 2016, page: 26-30.
6. B.Shivaji, T.Mounika "A Nine level grid connected converter topology for single phase transformer less pv systems.", published in IJEARST,vol2,issue5,dec2016.page:814-820.
7. B.Shivaji, A.Ashwini, "Cascaded multilevel inverter with developed H-Bridge units", published in IJEARST, vol 2, issue5, December 2016.page:7911-16.
8. B.Shivaji, K.Swetha, N.Sujatha"3 phase induction motor controlled with 9 level diode clamped inverter", published in IJR, vol 2, issue3,march 2017 page:
9. B.Shivaji, K.Poornima, B.Bhavyasri "Hybrid multicarrier modulation to reduce leakage current in a transformer less cascaded multilevel inverter for PV systems published in IJR,vol2,issue3,march 2017 page:555-560.
10. B.Shivaji, Ch.Sandhya, S.Sowjanya. "A Novel control method for transformer less h-bridge cascaded statcom with star configuration", published in IJR, vol 2, issue 3, march 2017 page:
11. B.Shivaji "Implementation and control of hybrid multilevel converter with floating dc link for current waveform", published in IJR, vol 2, issue 3, March 2017 page:

12. B.Shivaji, Dr.S.PRAKASH, and Pavan Kumar "Enhancing the power quality in micro grids by using two shunt converters", published in IJIEMR, vol7, issue 4 April 2018 page: 134-140.
13. B.Shivaji, Dr.S.PRAKASH, Pavan Kumar "Speed control of brushless dc motor drives by using hybrid fuzzy controllers", published in IJIEMR, vol 7, issue 4 apriel 2018 page: 118-133.
14. B.Shivaji, Laxmi Prasanna "Reduction of harmonics for a three phase grid connected system by a contemporary ML converter", published in GJMER vol1, December 2018 page:
15. B.Shivaji, Dr.S.PRAKASH "Power quality enhancement on grid connected pv system using reduced switch three phase inverter and DVR", published in IEEE Explorer, march2019 page: 6-10.ISBN:978-1-7281-1395-1 Online ISSN: 2639-5029
16. B.Shivaji, Dr.S.PRAKASH "Power quality improvement for grid interconnected solar pv system employing artificial fuzzy control algorithm", published in IJAST (SCOPUS), vol 126, issue 1, May 2019, page: 109-116.
17. B.Shivaji, Dr.S.PRAKASH "Design and Control of Tie Line Connected Renewable Energy Sources", published in JMCMS (WEB OF SCIENCE), Special issue 2, august 2019 page: 511-524.
18. B.Shivaji, Dr.S.PRAKASH "Enhance power quality of res with employing smart loads", published in IJITEE (SCOPUS), vol 8, issue 11, september2019 page: 3580-86.
19. B.Shivaji, Dr.S.PRAKASH "Effective Power Quality of Grid Connected WECS employing FLC controllers", published in IJET (SCOPUS), vol 10, issue 3, October 2019 page: 281-285.
20. B.Shivaji, Dr.S.PRAKASH "Design and performance analysis of grid connected solar power system employing fuzzy control algorithm", published in IJRTE (SCOPUS), vol 8, issue 4, NOV 2019, page: 10078-10082.

21. B.Shivaji, Dr.S.PRAKASH "PMSG Fed wind turbine for standalone application using FLC." published in JXAT (SCOPUS), vol 12, issue 2, FEB 2020, page: 2260-2272.
22. B.Shivaji, Dr.S.PRAKASH "Analysis of tie line connected hybrid power with brushless generators", published in JARDCS (SCOPUS), vol 12, issue 2, APRIEL 2020, and page: 1500-1507.
23. B.Shivaji, Dr.S.PRAKASH "operation performance enhancement of multiple renewable energy sources connected to grid system", published in JCR (SCOPUS), vol 7, issue 14, JUNE 2020, page: 313-317.
24. B.Shivaji, Dr.S.PRAKASH "Effective Power Quality of Grid Connected WECS Employing FLC controllers", page: 106-113. 4thINTERNATIONAL CONFERENCE ON "EMERGING TRENDS IN ELECTRICAL SYSTEMS & ENGINEERING" (ICETESE – 2019) MRECW, HYDERABAD. ISBN No: 978-93-83038-74-9.
25. Dr.B.SHIVAJI,Anusha kampati "SMC CONTROLLER BASED UPQC FED FUEL CELL TO ENHANCE PQ IN DISTRIBUTION GRIDS", published in IJR,vol X,Issue IX.SEPT-2021,ISSN No:2236-6124.page:54-64.
26. SRUTHI KOLAPUDI, Dr. B. SHIVAJI, Dr. MD. AIJAZ "A NOVEL SMCC BASED SLIDING MODE FOR SOLAR BASED WATER PUMPING SYSTEM", published in IJAEMA Volume XIV, Issue V, May/2022 , ISSN NO: 0886-9367 Page:827-836.
27. UMA MUNAGANTI, Dr. MD. AIJAZ2 , Dr. B. SHIVAJI "A NOVEL FLC BASED MICROGRID TO ENHANCE STABILTY WITH VARIOUS GRID IMPEDENCES", published in IJAEMA Volume XIV, Issue V, May/2022 , ISSN NO: 0886-9367 Page:879-887.
28. T. Muthamizhan, Bhukya SHIVAJI, Mohammad Aijaz , "Fuzzy logic controller based Multilevel Inverters integrated Speed Control of Induction Motors", published in IEEE INCET Conference 28 may 2022.

PHD PATENT PUBLICATION

- Shivaji Bhukya, Dr.S.PRAKASH. "GRID CONNECTED CONVERTER TOPOLOGY FOR RENEWABLE POWER GENERATION", App No. 202141004140, TEMP/E-1/4379/2021-CHE.

BOOK:

1. Dr.B.SHIVAJI, "GRID CONNECTED CONVERTER TOPOLOGY FOR RENEWABLE POWER GENERATION" with ISBN: 978-620-5-51016-2.Published in Lambert publication, October 2022.

Conferences:6

S.NO	TOPIC	NATIONAL/ INTERNATIONAL	PLACE/DATE
1	Real time systems, modeling analysis &control	National	JNTUH,Nov-2014
2	Recent trends in power system and grid connected micro generation systems	National	BIHER,chennai 26 OCT-2018
3	Emerging trends in electrical systems and engineering ISBN No: 978-93-83038-74-9	4 th INTERNATIONAL ICETESE-2019	MRECW,HYD 8 FEB 2019.
4	Information, communication &embedded systems (ICICES)	INTERNATIONAL IEEE	S.A.Engg college Chennai.
5	Integration & optimization of smart energy management system	National	BIHER,chennai 24 OCT-2019
6	International Conference for Emerging Technology (INCET)	INTERNATIONAL IEEE	Jain college of engineering

Areas of interest:

Electrical utilization, Power electronics, Electrical machines, Control systems, Electrical measurements, Electric drives, Renewable energy sources.

WORK SHOPS & TRAININGS ATTENDED:

- I am attended the National workshop on "MATLAB SYSTEMS & DESIGN"JNTUH November 2014.
- I am attended the faculty development programs are 25.

Experience:

- Working as a Asst.prof in KITS ENGINERING COLLEGE FOR WOMEN-KODAD from 1/7/2014 to 2022 (till NOW).
- Worked as a Asst.prof in SANA College of Engineering from 1/6/2013 to30/7/2 014.

POSITIONS OF RESPONSIBILITY

- Dept NBA Coordinator
- Dept Academic In-charge
- Dept R&D In charge
- Dept PG Coordinator

RESEARCH INTERESTS

- Solar PV,WECS Systems
- Hybrid Energy Systems & Rural Electrification
- AC/DC Micro grid Operation and Control.

Strengthens

- Good problem solving abilities.
- Positive Attitude.
- Active Team Member.
- Sincere, Dedicated & Work Hard.

Personal Profile

Name	:	**Dr.SHIVAJI. BHUKYA**
Father's Name	:	Latchu,
Date of Birth	:	20th Jan, 1987.
Nationality	:	Indian.
Marital Status	:	Married
Permanent Address:		**Shivaji. Bhukya,** S/o. Latchu, H.NO:1-8, Seethalathanda, chilukur, Suryapet, Telangana -508238

I hereby declare that the above mentioned particulars are true to the best of my knowledge and I bear the responsibility.

Place:
Date: (**Dr.SHIVAJI. BHUKYA**)