


Sanjeevan Engineering and Technology Institute,
Sanjeevan Knowledge City, Panhala, Tal. Panhala, Dist. Kolhapur

Department of Electrical Engineering

STAFF PROFILE INFORMATION

	Name of Staff:-	Mr. Arvind Madhukar Bhandare
	Designation: -	Assistant Professor
	Qualification:-	B.E. (Electrical) M-Tech (Power Systems)
	Area of Specialization:-	Renewable Energy, Power Systems, Wind Energy,
	Experience:	13 yrs
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➤ **PAPER PUBLICATIONS: NATIONAL / INTERNATIONAL / CONFERENCE / JOURNAL**

Sr. No	TITLE	JOURNAL / CONFERENCE	VOLUME	ISSN
1	Performance of Power Coefficient & Power With Respective to variable wind speed.	IEEE Conference Tamilnadu	466 – 471, 2013	978-1-4673-6149-1 INSPEC No- 13582610
2	Wind Energy Maximum Power Extraction Algorithm: A Review	IEEE Conference Tamilnadu	495 – 500, 2013	978-1-4673-6149-1 INSPEC No- 13582616
3	Maximum power Point Tracking Based on Matrix converter for variable speed wind turbine system.	National Conference, Islampur	Volume No-08 Issue 1 Jan – June 2014.	2321-2055
4	Wind mill	National Conference, Karad	Volume No-04 Issue 1 Feb – June 2015.	2321-2055
3	Performance of six phases Induction Motor using Special Transformer connection.	International Journal	Volume No-09 Issue 1 Jan – June 2017.	2321-2055
4	Performance of six phases Induction Motor using Spacial	International conference	Volume No- 09, 5 May 2017	ISBN-987-93- 86171-39-9

	Transformer connection.			
5	Fault Current Limiting Transformer by controlling Leakage reactance	International Journal	Volume No-09, 5 May 2017	ISBN-987-93-86171-39-9
6	Performance of six phase induction motor using special transformer connection	International Conference,	Volume No-April, 2017	ISBN: 97893-86171-39-9
7	Voltage & Current controller transformer	International Conference,	Volume No-April, 2017	ISBN: 978-93-86171-39-9
8	Dynamic Voltage Restorer Using PSIM	International Journal	Volume 3, Issue 1, Apr-2018	ISSN: 2319 -8354
9	Pitch angle control of wind Turbine	International Conference	14 April 2019	ISBN: 978-93-87793-85-9
10	Load Equalizer Transformer	International Conference	14 April 2019	ISBN: 978-93-87793-85-9
11	Voice controlled wheel chair system using Bluetooth	International Conference,	Volume 9, Issue 6 June 2021	ISSN: 2320-2882
12	Smart IoT based chicks brooding system	International Journal	Volume 7, Issue 3 - V7I3-1755	ISSN: 2454-132X
13	Surface cleaning Disinfection machine	International Journal	Volume 5, Issue 6 - V7I3-1755	ISSN: 2582-3930
14	Single phase to three phase converter	International Journal	Volume 8, Issue 4 – June 2022	ISSN: 2582-5208
15	Transmission line monitoring system using IOT	International Journal	Volume 8, Issue 4 – June 2022	ISSN: 2582-5208
16	Review of wind solar hybrid system	International Journal	Volume 7, Issue 6 - June 2023	ISSN: 2582-3930
17	Three phase fault detection using IoT	International Journal	Volume:05/Issue:06/June-2023	e-ISSN: 2582-5208
18	Electrical Bicycle	International Journal	Volume 7, Issue 6 - June 2023	ISSN: 2582-3930
19	Solar Wind Hybrid Electric Vehicle	International Journal	Volume:06/Issue:06/June (Peer-Reviewed)	e-ISSN: 2582-5208
20	Vertical Injection Plastic Moulding Machine	International Journal	Vol. 09 Issue 02, February 2024	ISSN (Online) 2348 – 7968

ACHIEVEMENTS:

➤ Details of Arranged students & Faculty Development Programs (Workshop/Conference/Training Program)

Sr. No.	Title
1	Two Weeks Students Training Program on “ SKILL & CAREER DEVELOPMENT (Hands on) ” Under National Skill Development Corporation (N.S.D.C.) at SETI, Panhala from 22 nd March-03 rd April, 2021
2	Under Lead Collage Activity Shivaji University One Weeks SDP Based On “ Electrical CAD ”, during 2 nd to 6 th January, 2018 at SETI,Panhala.
3	Two Days SDP Based On “ Transform Testing & Design ”, at SETI,Panhala, 2016.
4	One Weeks FDP Based On “ Recent trends in PLC, Lab-VIEW and IoT ”, at SETI,Panhala, 2016.

➤ Details of Attended Faculty Development Programs (Workshop/Conference/Training Program)

Sr. No.	Title
1	AICTE-ISTE Sponsored One Week Online Programmer On “Model Based Design Using MATLAB, Electronic Design Automation Technologies” Organized by K. I. T.’s College OfEngineering (Autonomous), Kolhapur. From 9th to 15th March 2021.
2	TEQIP-3 Sponsored one week FDP workshop on “Recent advance in Health 5.0 In-line with NEP 2020” at Arvind Gawali collage, Satara from 22 th to 26 th March, 2021.
3	TEQIP-3 Sponsored one week FDP workshop on “Machine Learning & Its Applications” at SIT Ichalkaranji from 16 th to 21 th March, 2021.
4	TEQIP-3 Sponsored One day Online Faculty Development Program on the “Role of National Education Policy for National Development” organized by Karmayogi Engineering College, Shelve Pandharpur on 30 March 2021.
5	One Week Faculty Development Program on “Thrust areas for Research in Power and Energy Systems – A resource for beginners” held between 3rd -8th August 2020
6	One week FDP workshop on “Nearly Zero Energy Building” at SIT Ichalkaranji from 10 th to 14 th August, 2020.
7	One week FDP workshop on “Arduino” at SKN Sinhgad College of Engineering, Pandharpur,Maharashtra in association with Spoken Tutorial IIT Bombay, Mumbai from July 06, 2020 to July 10, 2020.
8	One day FDP workshop on Grid connected Solar roof Top & Off Grid Project at SETI Panhala in 2017.
9	Arranged Two Weeks FDP workshop on PLC, LABView & IoT at SETI, Panhala in 2016.

10	Arranged Two Days workshops on Transformer design & Testing for TE Electrical at SETI,
11	One day workshop on Syllabus Setting at SGI, Atigre in 2016.
12	One day workshop on Syllabus Setting for at SGI, Atigre in 2016.
13	One day workshop on Syllabus Setting for TE Electrical at ADCET, Ashta in 2015.
14	One day FDP workshop on Intellectual Property Rights & Patenting at SETI Panhala in 2015.
15	One week FDP workshop on Application in Engineering Based on MATLAB at SETIPanhala in 2015.
16	One day FDP workshop on Teaching Methodology for S.E.Mech Revised Curriculum atSGI, Atigre in 2014
17	Two days FDP workshop on Introduction To Outcome Based Education at SETI Panhala in2014.
18	Two Weeks ISTE workshops on SIGNALS & SYSTEMS at D.K.T.E. Ichalkaranji in 2014.