


**SRES', Sanjivani College of Engineering, Kopergaon**  
(An Autonomous Institute affiliated to SPPU, Pune)

**Staff Profile**

<b>Personal Information</b>			
<b>Name of Teaching Staff:</b> <b>Dr Dipesh Bhaurao Pardeshi</b>			
<b>Designation: Head of Department &amp; Associate Professor</b>			
<b>Department : Electrical Engineering</b>			
<b>Date of joining : 16/08/2005</b>			
<b>E Mail ID :</b>	<a href="mailto:hodelecoe@sanjivani.org.in">hodelecoe@sanjivani.org.in</a> , <a href="mailto:pardeshidipeselect@sanjivani.org.in">pardeshidipeselect@sanjivani.org.in</a>		
<b>Contact No:</b>	<b>+91- 9422230077, 8369859009</b>		
<b>Education Details</b>			
Qualification	Specialization with Class or Grade	University	Year
UG	Electrical Engineering	Shivaji University, Kolhapur	1999
PG	Electrical Power Systems	Dr BAMU, Aurangabad	2016
Ph.D	Electrical Engineering	Shri. JJT University	2021
<b>Total experience in years:</b>			
<b>Teaching:</b>	<b>21+ Years</b>		
<b>Industry:</b>	<b>01 Years</b>		
<b>Research and Publications (from 2016 onward)</b>			
<b>Author(s), Title of Article, Name of Journal, Volume(Issue), ISSN :xxxx-xxxx, pp:x-x, Month-Year [ Download Link]</b>			
1. <b>Dipesh B. Pardeshi</b> , Dr Mahadev G Unde, Renuka S. Rasal, Dhanshri A Narayane, "Condition Monitoring of Induction Motor-Vibration Analysis Technique" in International Journal of Engineering, Science and Technology (in process).			

2. **Dipesh B. Pardeshi**, Shraddha Maurya, Renuka S. Rasal, Dhanshri A Narayane, “Energy Optimization of Industrial Drive at Sanjivani Sugar Factory”, in International Journal of Engineering, Science and Technology (in process).
3. Dhanshri Narayane, Amarjeet Pandey, **Dipesh Pardeshi**, “Demand Side Management for Commercial Area Using Teaching Learning Based Optimization” in IOS Press ebooks: Recent Trends in Intensive Computing, Vol 39, ISSN:978-1-64368-217-4 (online), pages 923-930, Dec 2021.  
[<https://ebooks.iospress.nl/volumearticle/58422>]
4. Amarjeet Pandey, **Dipesh Pardeshi**, “Analysis of Wireless Power Transfer Compensation Topologies for EV Battery Charging” in 35th Indian Engineering Congress proceeding by Institution of Engineers (India), December 2020.  
[[https://www.ieiasc.org/download/35th\\_IEC\\_brochure.pdf](https://www.ieiasc.org/download/35th_IEC_brochure.pdf)]
5. **Dipesh B. Pardeshi**, Anupama Deshpande. (2020) on “Power System Analysis of A Biomass Power Plant” in International Journal of Advanced Science and Technology, Vol 29(8s), 3968 – 3979.  
[Retrieved from <http://sersc.org/journals/index.php/IJAST/article/view/20726>]
6. **Dipesh B. Pardeshi**, Anupama Deshpande on “ETAP Based Power System Analysis of a 6 MW Biomass Power Plant” in International Journal of Recent Technology and Engineering, Vol 09, Issue -9, ISSN: 2277-3878, pp- 799 – 804, July2020.  
[<https://www.ijrte.org/wp-content/uploads/papers/v9i2/B3935079220.pdf>]
7. **Dipesh B. Pardeshi**, Anupama Deshpande (2020) on “Possible Modeling of Small Biomass Power Plant” 2020 [Available at SSRN: <https://ssrn.com/abstract=3683050> or <http://dx.doi.org/10.2139/ssrn.3683050> ]
8. Mohini R. Gunjal, Snehal S. Gondkar, **Dipesh B. Pardeshi**, “Transmission Line Fault Detection Using IoT”, in International Conference proceeding on Emerging Technologies: AI, IoT, and CPS for Science & Technology Application, NITTTR Chandigarh, India, September 2021.  
[<http://ceur-ws.org/Vol-3058/Paper-077.pdf>]
9. **Dipesh B. Pardeshi**, Dr. N. R. Bhasme, “Modelling & Simulation of Grid Connected Biomass Power System” in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, ISSN (Print) :2320–3765ISSN (Online): 2278 –8875 Vol. 5, Issue 8, August 2016.  
[<https://1library.net/document/zw3xn01y-modelling-simulation-grid-connected-biomass-power.html>]
10. **Dipesh B. Pardeshi**, Anupama Deshpande, “Modeling of a 6 MW Biomass Power Plant using agro-waste” at Shri Jagdish Prasad Jhabarmal Tibrewala University, Rajasthan.

**Papers presented in conferences (from 2018 onward)**

**Author(s), Title of Article, Name of Conference, Place, Month-Year [Download Link]**

1. **Dipesh B. Pardeshi**, Dr Mahadev G Unde, Renuka S. Rasal, Dhanshri A Narayane, “Condition Monitoring of Induction Motor-Vibration Analysis Technique”, India 1st **International Conference** on Sustainable Development in Civil and Electrical Engineering (SDCEE-2021) organized by National Institute of Technology Kurukshetra 17-19th December 2021.

2. **Dipesh B. Pardeshi**, Shraddha Maurya, Renuka S. Rasal, Dhanshri A Narayane, “Energy Optimization of Industrial Drive at Sanjivani Sugar Factory”, India 1st **International Conference** on Sustainable Development in Civil and Electrical Engineering (SDCEE-2021) organized by National Institute of Technology Kurukshetra 17-19th December 2021.
3. Mohini R. Gunjal, Snehal S. Gondkar, **Dipesh B. Pardeshi**, “Transmission Line Fault Detection Using IoT”, in International Conference on Emerging Technologies: AI, IoT, and CPS for Science & Technology Application, NITTTR Chandigarh, India, September 06–07, 2021.
4. Dhanshri Narayane, Amarjeet Pandey, Dipesh Pardeshi, “Demand Side Management for Commercial Area Using Teaching Learning Based Optimization” in International Conference On Recent Trends in Computing (ICRTC- 2021) at Sanjivani College of Engineering, Kopergaon, Ahmednagar, Maharashtra, India on 21st & 22nd May 2021.
5. Amarjeet Pandey, **Dipesh Pardeshi**, “Analysis of Wireless Power Transfer Compensation Topologies for EV Battery Charging” in 35th Indian Engineering Congress with theme “Engineering for Self-reliance and Sustainable Goals”, organized by Institution of Engineers (India) 18-20th December 2020.
6. **Dipesh B. Pardeshi**, Anupama Deshpande, Dr Sachin V Choudhari “Load Flow Analysis of 6MW Biomass Power Plant” in Fifth **International Conference** on Information and Communication Technology for Competitive Strategies (ICTCS-2020) at Jaipur, Rajasthan, India held on 11th & 12th December 2020.
7. **Dipesh B. Pardeshi**, Anupama Deshpande, “Possible Modelling of Small Biomass Power Plant” in **International conference** on Recent Advances in Computational Techniques (e-IC-RACT-2020) organized by Amity School of Engineering and Technology, Mumbai on 27<sup>th</sup> June 2020.
8. **Dipesh B. Pardeshi**, Anupama Deshpande, “Power System Analysis of a Biomass Power Plant” in **International conference** on Emerging Systems Design and Optimization(CESDO-2020) at G.H. Rasoni College of Engineering & Management, Ahmednagar, Maharashtra, India held on February 27-28,2020.
9. **Dipesh B. Pardeshi**, Ram Hajare, “Study of Vertex Shadding by Flow Visualization Method” in **National conference** on Approach and Benefits of Modern Smart Agriculture and Health Sensing Technology (ABMSAHT-2020) at Sanjivani College of Engineering, Kopergaon, Ahmednagar, Maharashtra, India held on January 23-24,2020.
10. **Dipesh B. Pardeshi**, Anupama Deshpande, “Probabilistic Modelling of a 6 MW Biomass Power Plant” in **National conference** on Optimization of National Resources in Multidisciplinary Field (ONRMF-2018) at Shri Jagdish Prasad Jhabarmal Tibrewala University, Rajasthan held on 2<sup>nd</sup> June 2018.

**Research Profile URL**

<b>Google Scholar</b>	<a href="https://scholar.google.co.in/citations?user=2krKRRMAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=2krKRRMAAAAJ&amp;hl=en</a>
<b>Scopus</b>	<a href="https://www.scopus.com/authid/detail.uri?authorId=57226085318">https://www.scopus.com/authid/detail.uri?authorId=57226085318</a>
<b>Orcid</b>	<a href="https://orcid.org/0000-0003-2218-2047">https://orcid.org/0000-0003-2218-2047</a>

<b>Other Research Details</b>			
<b>Ph D Guide ?Give field &amp; University:</b>	----		
<b>Ph Ds/ Projects Guided:</b>	UG level Project Guided: 07		
<b>Books Published</b>	<p>1. A Springer book chapter no. 20 having titled” Load Flow Analysis of 6MW Biomass Power Plant” by Dipesh B. Pardeshi, Anupama Deshpande published in the book series “Lecture Notes in Networks and Systems” inside Springer proceeding (LNNS) Print ISBN 978-981-16-0738-7 [https://link.springer.com/chapter/10.1007/978-981-16-0739-4_20#citeas]</p> <p>2. A book “Basic Electrical Engineering “ by Gaurang Publishing Globalize Pvt Ltd, Mumbai, ISBN No. 9788193354643</p>		
<b>IPRs/Patents</b>	<b>A Fuzzy Based Fault Diagnosis System for PV Panels and A Method Thereof</b>		
<b>Professional Memberships:</b>	<ul style="list-style-type: none"> <li>➤ Chartered Engineer {F-1239224},</li> <li>➤ FIE {F-1239224},</li> <li>➤ LMISTE {LM-44891},</li> <li>➤ MIEEE {M#97571575}</li> </ul>		
<b>Interaction with professional institutions</b>	<ul style="list-style-type: none"> <li>➤ Chartered Engineer (Institute of Engineers)</li> <li>➤ Fellow ship of Institute of Engineers, Kolkata</li> <li>➤ Lifetime Membership of Indian Society of Technical Education, New Delhi</li> <li>➤ Member of Institute of Electrical and Electronics Engineers</li> <li>➤ Member of India Smart Grid Forum (ISGF)</li> </ul>		
<b>Consultancy Activities</b>			
Duration	Title of Activity	Issued Organization	Amount
---	---	---	---
<b>Grants fetched</b>			
Duration	Title	Issued Organization	Amount
---	---	---	---
<b>Awards</b>			
<b>“Best Participant Award” in AICTE Sponsored FDP at Udaipur, Rajasthan in Dec 2017</b>			

**FACULTY DEVELOPMENT PROGRAMMES ATTENDED (from 2018 onwards)**

<b>Name of the FDP / Workshop</b>	<b>Organization</b>	<b>Duration</b>	<b>Month-Year</b>
Basics of MATLAB and Simulink	National Institute of Technical Teachers Training and Research, Chandigarh	One Week	19 <sup>th</sup> to 23 <sup>rd</sup> July 2021
India Smart Utility Week (ISUW) 2021	India Smart Grid Forum (ISGF)	One Week	2 <sup>nd</sup> March- 5 <sup>th</sup> March 2021
Non-Conventional Energy Resources (FDP)	Indian Institute of Technology, Madras	One & Half weeks	Jul-Oct 2018
Introduction to Smart Grid (FDP)	Indian Institute of Technology, Roorkee	One weeks	Jan-Apr 2018
Whatsapp Outcome Based Education Faculty Development Program	D.Y. Patil College of Engineering, Akurdi, Pune	Three weeks (8 credit)	24 <sup>th</sup> March 2020 to 14 <sup>th</sup> April 2020
Environment and Sustainability [OE4BW] ( <b>International FDP</b> )	D.Y. Patil College of Engineering, Akurdi, Pune	Four Weeks	01 <sup>st</sup> May to 30 <sup>th</sup> May 2020
<b>ATAL</b> : Artificial Intelligence	AICTE Training And Learning academy: CTAE, Udaipur	One week	30.04.2020 to 04.05.2020
<b>ATAL</b> : Robotics	AICTE Training And Learning academy : CTAE, Udaipur	One week	11.06.2020 to 15.06.2020
<b>ATAL</b> : Data Sciences	AICTE Training And Learning academy: CTAE, Udaipur	One week	22.06.2020 to 26.06.2020
Role of ICT in Teaching Learning Process ( <b>AICTE- ISTE</b> sponsored)	Sanjivani College of Engineering, Kopergaon	One week	14 <sup>th</sup> to 19 <sup>th</sup> December 2020.
Power System Optimization Using GAMS ( <b>IEEE Sponsored</b> )	Dept of Electrical Engg, RIT, Rajaramnagar, M.S.	One week	11 <sup>th</sup> to 16 <sup>th</sup> May 2020
Moodle Learning Management System ( <b>AICTE:PMMNMTT</b> )	IIT Bombay and Vidyalankar School of IT, Mumbai	One week	20 <sup>th</sup> April to 25 <sup>th</sup> April 2020
Advance in Power Converters, Control of Renewable Energy Sources ( <b>AICTE</b> sponsored)	KCES's COE & IT, Jalgaon	Two weeks	22 <sup>nd</sup> November to 05 <sup>th</sup> December 2019

Ethics, Moral & Human Values in Technical Education System (AICTE sponsored STTP)	COE&T (MPUAT) Udaipur, Rajasthan	One week	26 <sup>th</sup> to 31 <sup>st</sup> December 2019
Let's Break the Chain of Covid 19 Infection ( <b>International</b> )	The Mohammad Bin Rashid Medical & Healthcare University, UAE	One week	April 2020
Infection Prevention and Control (IPC) for Novel Coronavirus (COVID19) ( <b>International</b> )	World Health Organization (WHO)	One week	April 2020
Intellectual Property Rights (IPR)- Process and Procedure in India	Sanjivani College of Engineering, Kopergaon	Two days	17 <sup>th</sup> & 18 <sup>th</sup> January 2020
Emerging Trends in Electrical Hybrid Vehicles (SPPU sponsored)	SND College of Engineering and Research Centre, Yeola	Two days	10 <sup>th</sup> & 11 <sup>th</sup> January 2020

**SWAYAM-NPTEL COURSE (from 2018 onwards) :-**

NBA Accreditation and Teaching Learning in Engineering (NATE)	Swayam Course: -NPTEL	12 weeks (3 credit)	Jan-April 2020
Non-Conventional Energy Resources	Indian Institute of Technology Madras	12 weeks (3 credit)	Jul-Oct 2018
Introduction to Smart Grid	Indian Institute of Technology Roorkee	08 weeks (2 credit)	Aug-Sep 2018
Power System Engineering	Indian Institute of Technology Kharagpur	12 weeks (3 credit)	Jan-Apr 2018
Enhancing Soft Skills and Personality	Indian Institute of Technology Kanpur	08 weeks (2 credit)	Feb-Mar 2018

**FACULTY DEVELOPMENT PROGRAMMES ORGANIZED**

Name of the FDP / Workshop	Organization	Duration	Month-Year	Capacity
Failure 2 Success	Mr. Yashodeep Shete, Pune	One day	April 2020	100

**INVITED LECTURES IN CONFERENCE/SEMINAR**

Title of Lecture/ Academic Session	Title of Conference/ Seminar etc.	Organized By
------------------------------------	-----------------------------------	--------------

Electrical Hybrid Vehicles	Emerging Trends in Electrical Hybrid Vehicles (SPPU sponsored )	SND College of Engineering and Research Centre, Yeola
Awareness and Evaluations in the wake of COVID19	National Level Webinar	DigitalEdu IT Solutions, Pune
<b>Industrial Visit and Case Study</b>	<b>Faculty Orientation Programme</b> on Electrical and Electronics Engineering subject of SE Mechanical, Automobile and Mechanical Sandwich-Revised 2019 Course ( <b>FOP EEE-2019</b> )	Jointly organized by Sinhgad College of Engineering and Army Institute of Technology, Pune

<b>OTHER PROFESSIONAL URLS</b>	
Personal Website	<a href="https://pardeshidipesh.wordpress.com">https://pardeshidipesh.wordpress.com</a>
Linked In Profile	<a href="https://www.linkedin.com/in/dr-dipesh-pardeshi-8836222b/">https://www.linkedin.com/in/dr-dipesh-pardeshi-8836222b/</a>
GitHub URL	-----
YouTube Channel	<a href="https://www.youtube.com/channel/UC1bSMVDA8NOmIKajn1BzSXw">https://www.youtube.com/channel/UC1bSMVDA8NOmIKajn1BzSXw</a>
Research gate	<a href="https://www.researchgate.net/profile/Dipesh-Pardeshi">https://www.researchgate.net/profile/Dipesh-Pardeshi</a>
Academia	<a href="https://independent.academia.edu/DipeshPardeshi">https://independent.academia.edu/DipeshPardeshi</a>

### **Seminar / Webinar attended or participated: -**

1. Participated in Savitribai Phule Pune University (SPPU) sponsored two days workshop on “Intellectual Property Rights (IPR)- Process and Procedure in India” conducted by Dept of Civil Engg, Sanjivani College of Engg, Kopargaon from 17<sup>th</sup> & 18<sup>th</sup> January 2020.
2. Attended Three Day Webinar series on “Renewable Energy Technologies” organized by Dr. Manoj Rathi, Director, RCSS Group, Nashik on 1<sup>st</sup> May, 2<sup>nd</sup> May to 3<sup>rd</sup> May 2020
3. Participated in National Level Webinar on “Role of WIPO in Preservation of Intellectual Property” organized by Dayanand College of Law, Latur on 8<sup>th</sup> May 2020
4. Participated in National Level Webinar on “Awareness and Evaluations in the wake of COVID19” organized by Digital Edu IT Solutions, Pune on 15<sup>th</sup> May 2020
5. Successfully attended the webinar on “Value Based Leadership” organized by SIEM, Nashik

6. Attended online technical session on “How to Improve the citation and Write Research Papers” on 1<sup>st</sup> May 2020 organized by DCE of SVIT, Nashik
7. Attended 3<sup>rd</sup> online informative session on “Teacher is a source and foundation of entrepreneur” organized by MUCTA on 12<sup>th</sup> April 2020
8. Attended 5<sup>rd</sup> online informative session on “MOOC: e-learning the road ahead” organized by MUCTA on 18<sup>th</sup> April 2020
9. Attended 7<sup>rd</sup> online informative session on “Modern Medicines: Double Edge Weapon” organized by MUCTA on 22<sup>nd</sup> April 2020
10. Attended 8<sup>rd</sup> online informative session on “Role of INFLIBNET Education: Special Reference to College Teachers and Researcher” organized by MUCTA on 23<sup>rd</sup> April 2020
11. Attended 9<sup>rd</sup> online informative session on “Basics of Intellectual Property Rights” organized by MUCTA on 26<sup>th</sup> April 2020
12. Attended 10<sup>rd</sup> online informative session on “Role of Teacher in context with National Education Policy” organized by MUCTA on 30<sup>th</sup> April 2020
13. Attended 11<sup>rd</sup> online informative session on “India’s Soft Power Potential: Prospect & Retrospect” organized by MUCTA on 1<sup>st</sup> May 2020
14. Attended 12<sup>th</sup> online informative session on “Yoga: Way to Stress release for teachers” organized by MUCTA on 3<sup>rd</sup> May 2020
15. Attended 13<sup>th</sup> online informative session on “Academia and Industry Post COVID” organized by MUCTA on 21<sup>st</sup> May 2020
16. Attended the webinar on “Business English Skills” organized by SIEM, Nashik
17. Attended a webinar on “Smart Grid Interoperability Standardizations” organized by IEEE PES –IAS chapter Pune Section on 13<sup>th</sup> May 2020
18. Attended webinar “Holistic energy Management” by Dr. B. E. Kushare organized by Dept of Electrical Engg, KKWIEE&R, Nashik on 20<sup>th</sup> May 2020
19. Attended online webinar on “Renewable Energy Source-On Grid & Off Grid” organized by Dept of Electrical Engg, MET’s IOE, Nashik on 21<sup>st</sup> May 2020
20. Participated in webinar “Research Paper Preparation and Publication” organized by Gharda Institute of Technology, Ratnagiri on 24<sup>th</sup> May 2020
21. Participated in “Role of Smart grid in facilitating the integration of renewable” organized by IEEE Indian Council conducted on 24<sup>th</sup> May 2020.
22. Attended webinar “Implementing OBE with effectively defining and mapping CO, PO and PSO” organized by Dept of Mechanical Engg, Sanjivani COE Kopargaon on 25<sup>th</sup> May 2020
23. Participated in online one day FDP webinar on “ICT tools for Online Teaching” organized by Dept of MBA, Sanjivani COE Kopargaon on 26<sup>th</sup> May 2020
24. Attended webinar “Holistic Approach towards Reactive Power & Harmonic Distortion Management to avail benefits of KVAH billing” by Dr. B. E. Kushare organized by Dept of Electrical Engg, KKWIEE&R, Nashik on 30<sup>th</sup> May 2020



25. Participated in online webinar on “IEEE Explore” organized by Dept of Library, Sanjivani COE Kopargaon on 24<sup>th</sup> June 2020
26. Attended online webinar “Art of electricity KVAh tariff reading for reducing electricity bills” organized by Dept of Electrical Engg, MMCOE, Pune on 23<sup>rd</sup> June 2020
27. Attended webinar on “Introduction to Power System simulations using PSCAD” organized by Guru Nanak IOE&T, Nagpur on 5<sup>th</sup> July 2020
28. Attended the one-day webinar on “Electrical Power System, Renewable Energy, Smart Grids & Switchgear Protection using NEPLAN Simulation Software” held on 20<sup>th</sup> October 2020 organized by India-Soft Technologies, (P)Ltd, Pune