

	Name	Dr. Vinod Hanmant Patil		
	Designation	Assistant Professor		
	Department	Electronics and Telecommunication		
	Qualification	Ph.D.		
	Contact No.	020-24107390	Ph. Extension	357
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	Experience	Teaching:	12 Years	Industry:

Area of Interest	<p>a) Academic - Technology Transfer in Education Sector, MOOC, Organizational Climate & surveys, Introduction of New Curriculum's.</p> <p>b) Non-Academic – Leadership Development, Personnel Management, Guidance Counselor and Motivator.</p> <p>c) Technical – Cognitive Radio, Power Electronics, Wireless Communication, Speech Processing.</p>				
	Publications	International Journal (s):	11	National Journals (s):	00
		International Conference (s):	02	National Conference:	00
Publication Details	<p>International Journals</p> <p>[1]. Vinod H. Patil, Anshu Raj” Spectrum Sensing in Cognitive Radio” International Journal of Engineering Research and technology (IJERT), ISSN: 2278-0181, Volume-9, Issue-8, August 2020.</p> <p>Indexing – Google Scholar, Microsoft Academic Search</p> <p>[2]. Vinod H. Patil, Kuldeep Singh,” Spectrum Mobility in Cognitive Radio” International Journal of Engineering Research and technology (IJERT), ISSN: 2278-0181, Volume-9, Issue-8, August 2020.</p> <p>Indexing – Google Scholar, Microsoft Academic Search</p> <p>[3]. Vinod H. Patil, Amol Durge,” Spectrum Decision in Cognitive Radio” International Journal of Engineering Research and technology (IJERT), ISSN: 2278-0181, Volume-9, Issue-9, September 2020.</p> <p>Indexing – Google Scholar, Microsoft Academic Search</p> <p>[4]. Vinod H. Patil, Dr Shruti Oza, Vishal Sharma, Asritha Siripurapu, Tejaswini Patil, “A Testbed Design of Spectrum Management in Cognitive Radio Network using NI USRP and LabVIEW”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2S8, August 2019.</p>				

Indexing – Scopus, Google Scholar

[5]. Vinod Patil, Shruti Oza, "Spectrum Management Using NI USRP Framework for Smart Grid Application", Elsevier SSRN Computing Methodology e-Journal, Volume- 2, Issue No.- 21, July 2019.

Indexing – Elsevier.

[6]. Vinod H. Patil, Shruti Oza, "Green Communication for Power Distribution Smart Grid", International Journal of Recent Technology and Engineering™ (IJRTE), ISSN:2277-3878(Online), Reg. No.: C/819981, Volume-8, Issue-1, Page No. 1035-1039, May-19.

Indexing – Scopus, Google Scholar

[7]. Vinod H. Patil, Palash Doshi, Sudarshan Dhomeja, Sonali Thakur, "Spectrum Sensing in Cognitive Radio", International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056, Volume 4, Issue 6, June 2017.

Indexing – Google Scholar, Thomson Reuters.

[8]. Vinod H. Patil, Aadesh Shukla, Anurag Ranjan, Harshpreet Singh Chhabra, "Adroit Communication for Power Distribution System - Smart Grid", International Journal of Industrial Electronics and Electrical Engineering (IJIEEE) ISSN(p): 2347-6982, ISSN(e): 2349-204X, Volume-6, Issue-3, March 2018.

Indexing – Google Scholar, Cite Factor.

[9]. Vinod H. Patil, Digvijay Singh, Gyan Prakash Dubey, Namita Saxena, "Cognitive Radio Networks - Spectrum Management", International Journal of Industrial Electronics and Electrical Engineering (IJIEEE), ISSN(p): 2347-6982, ISSN(e): 2349-204X, Volume-6, Issue-3, March 2018.

Indexing – Google Scholar, Cite Factor.

[10]. Vinod H. Patil, Raturaj Tingle, Pandharinath Kande, Abhijeet Mahadik, "Cost Estimation in Spectrum Sharing in cognitive radio network", International Journal of Industrial Electronics and Electrical Engineering (IJIEEE), ISSN(p): 2347-6982, ISSN(e): 2349-204X, Volume-6, Issue-3, March 2018.

Indexing – Google Scholar, Cite Factor.

[11]. Vinod H. Patil, Varsha Jadhav, Shehprabha Jadhav, "Smart Irrigation

	<p>system using LAB VIEW and IoT”, International Journal of Industrial Electronics and Electrical Engineering (IJIEEE), ISSN(p): 2347-6982, ISSN(e): 2349-204X, Volume-6, Issue-3, March 2018.</p> <p>Indexing – Google Scholar, Cite Factor.</p> <p>International Conferences</p> <p>[12]. Vinod H. Patil, Dr. Shruti Oza, Shashank Shekhar, Utkarsh Grover, Vishal Srivastava, “Advanced Communication System for Power Distribution in Smart Grid using NI USRP framework”, 2nd International Conference on Research Advancement in Applied Engineering Sciences, Computer and Communication Technologies (ICRAAESCCT 2019), ISBN: 978-81-940803-2-9, 22 nd and 23 rd March 2019.</p> <p>[13]. Vinod H. Patil, Dr Shruti Oza, Rishika Dixit, Harshita Rai, “Spectrum Sensing and Detection in Cognitive Radio Network”, 2nd International Conference on Research Advancement in Applied Engineering Sciences, Computer and Communication Technologies (ICRAAESCCT 2019), ISBN: 978-81-940803-2-9 22 nd and 23 rd March 2019.</p>
Books Published	Nil
Professional Memberships	Member International Association of Engineers (IAENG)

Workshop/ Seminar/Conference attended	Sr. No.	Name of Training Program/Workshops	Date	Days	Year
	1	Assessment and Evaluation under Outcome Based Education	10 to 14 June 2019	5	2019
	2	Problem Based Learning	25 to 29 June 2018	5	2018
	3	Author Workshop by Springer Nature	07 March 2017	1	2017
	4	Genesys Software & Simulation tools	4 to 9 April 2016	6	2016
	5	CEM Software Simulation tools	17 to 22 October 2016	6	2016
	6	RF Design and Simulation Tools	11 to 16 January 2016	6	2016
	7	Secrets of Guru	7 & 8 August 2015	2	2015
	8	High Impact Teaching Skills by Dale Carnegie	01 September 2015	1	2015
	9	Electromagnetics: Pedagogy and Research Trends	23 & 24 January 2015	2	2015
	10	Photonic Design and Simulation Tools [Opti-System and Opti-Spice]	16 to 20 January 2015	5	2015
	11	Understanding the Mind & Conditioning ourselves through EFT	19 July 2014	1	2014
	12	Social Media Marketing for Education-University	12 October 2013	1	2013
	13	Personal Effectiveness and Career Progression	29 March 2013	1	2013
	14	Key to Managing Personal Energy and Work-Life Balance	21 February 2013	1	2013
	15	Preparing for NBA Accreditation	23 to 25 September 2013	3	2013
	16	NI LabVIEW	10 & 11 January 2013	2	2013
	17	Research Methodology: Tools & Techniques	11 to 15 March 2013	5	2013
	18	Application of MATLAB	4 to 6 March 2013	3	2013
	19	Leadership and Team Building	06 October 2012	1	2012
	20	Behavioural Skills	31 March 2012	1	2012
	21	Mission 10X by Wipro	6 to 10 October 2009	5	2009
22	High Impact Teaching Skills by Dale Carnegie	6 & 7 October 2009	2	2009	
Achievements	--				
Extra Activities	<ul style="list-style-type: none"> • Appointed as “Guest Lecturer” for School of Audiology & Speech Language Pathology. • Invited as resource person for NAAC at Bharati Vidyapeeth’s College of Engineering, Kolhapur. • Invited as resource person for NBA at Vidyavardhini Institute of Technology, Pali, Gargoti, Kolhapur. 				

