	Name : Vinod Kumar Designation : Assistant Professor Date of Joining : 07-11-2013 Email-ID : vinodspec@yahoo.co.in Contact No : 9468462423
Teaching Courses	☐ Radar and Sonar Engineering [UG] ☐ Microwave and Radar Engineering [UG] ☐ Antenna and Wave Propagation [UG] ☐ Signal and System [UG] ☐ Digital Signal Processing [UG] **Lab In-Charge: Communication System Lab**
Experiences	☐ Presently working as an Assistant Professor, GJUS&T Hisar since 7th Nov. 2013. ☐ Worked as Lecturer in NC & SD Group of Institutions Israna, Panipat from 1st August, 2011 to 6th Nov 2013.
Qualifications	☐ **PhD Pursuing (**Oct**.** *2014--):* from Department of ECE, GJUST Hisar ☐ **M.Tech in ECE (***2009-2011) f*rom DCRUST, Murthal ☐ **B.Tech. in ECE** (2005-2009) from BMIET, Sonepat, affiliated to MDU, Rohtak
Conferences/Courses/Workshops Attended	1. Attended Two days National Workshop on "Recent Trends in Engineering & Technology" under Twinning Arrangement of TEQIP-III held on February 27-28, 2018, organized by TEQIP-III Cell, GJUST Hisar. 2. Attended one week GIAN Course Sponsored by MHRD, Govt. of India on "Authentication and Obfuscation of Integrated Circuits" held during August 28, 2017 to September 1st, 2017, organized by Deptt. of ECE, GJUST Hisar. 3. Attended One day National Workshop on "OUTCOME BASED EDUCATION" held on July 21, 2017, organized by Faculty of Engineering and Technology GJUST Hisar. 4. Attended One day National Seminar sponsored by Haryana State Council for Science and Technology, DST Govt. of Haryana on "Basics of Rheology and Its Applications" held on May11, 2017, organized on the occasion of National Technology Day 2017 GJUST Hisar. 5. Attended Two days National Workshop Sponsored by TEQIP-II on "LASER Techniques" held during March

	02-03, 2017, organized by Optical Engineering Division of Deptt. of Physics, GJUST Hisar.
	6. Attended 21 days (3 weeks) (24th November 2016-14th December 2016) UGC Sponsored Interdisciplinary Refresher Course on Research Methodology at UGC-HRDC GJUST Hisar.
	7. Attended one week FDP Sponsored by TEQIP-II on "Recent Advancements in Broadband Communication Technologies and Networks" held during September 07-12, 2016, Deptt.of ECE, GJUST Hisar.
	8. Attended workshop on "BIOPROCESS TECHNOLOGY" organized by the Department of Bio & Nano Technology, GJUST Hisar, sponsored by Department of Biotechnology, Ministry of Science and Tech. GOI, from 1st – 3rd February 2016.
	9. Attended 2 days STC on Telecom Management: Current & Emerging (20-21) August, 2015, at Bharti School of Telecommunication at IIT Delhi.
	10. Attended 28 days (18th May 2015-13th June 2015) UGC Sponsored Orientation Program at UGC-HRDC GJUST Hisar.
	11. One week STC on Hands on experience in Signal processing using MATLAB
	12. One-day workshop on Research Innovations and Intellectual Property rights at GJUS&T, Hisar held in 2014.
	13. Attended a Short Term Course on Advances in VLSI Signal processing at IIT KGP.
	14. Attended STC at NITTTR CHD on Nanotechnology: Development & Challenges from 16-20 May 2016
	15. Attended GIAN Course at GJUST, Hisar on Personality Development and Communication Skills from 1-5 June 2016
	16. Attended workshop at GJUST on Intellectual Property Rights on 9 March 2016
	17. One-day workshop at GJUST on Printing & pacaking Industry in Context of Industry on 24 March 2017
	18. Attended three days' workshop on Advanced Signal Processing Methods on 24-26 Feb 2017
	19. Attended WMLMIA 2017 at IIT Mandi on Machine Learning from 17-21 June 2017
	20. Attended GIAN Course at IIT KGP on VLSI Architecture
	21. one week STC on advanced DSP Design Techniques on 25-29 Sep 2018 at IIG KGP

	22. Attended STC at NITTTR CHD on Antenna Design from 21-25 May 2018
	23. Attended One week short Term on " Advanced Optimization Techniques for Engineering Applications" at NIT Kurukshetra from 22-26 July 2019.
	24. Attended one day workshop on " Women Empowerment and Gender Sensitization Workshop" at GJUS&T, Hisar on 23rd oct., 2019.
	25. Attended 12 Week NPTEL Online course on "Microwave Theory and Techniques" from jul-Oct, 2019.
	26. Attended ARPIT Online course for career advancement scheme promotion on Pedagogical Innovations & Research Methodology. With a B grade in May 2019.
Professional Activities and Memberships	☐ Workshop coordinator, World Bank TEQIP-III sponsored two days' workshop on "MATLAB and Its Related Toolboxes" conducted during March 8-9, 2019, department of ECE, GJUST Hisar. ☐ Organized a workshop on "Hands-on PCB Fabrication" at the department of ECE, GJUST Hisar held on 12th April, 2019. ☐ Organized a Project exhibition of ECE, ME Students at departmental level in May ,2018 ☐ Life time Membership of ISTE (Reg. No LM 97383) ☐ Organized three days' workshop on Advanced Signal Processing Methods on 24-26 Feb 2017 ☐ Organized one week GIAN Course Sponsored by MHRD, Govt. of India on "Authentication and Obfuscation of Integrated Circuits" held during August 28, 2017 to September 1st, 2017, organized by Deptt. of ECE, GJUST Hisar.
RESEARCH CONTRIBUTIONS & PROJECTS	☐ GUIDED 3 (M.TECH.) STUDENTS ☐ COMPLETED A MINOR RESEARCH PROJECT OF AMOUNT 1 LAKH IN 2018.
Publications (Journals/Conferences)	1. Design & Implementation of 6 to 64 Line Decoder, International Journal of Engineering and Management Research, Vol.-4, Issue-4, 2250-0758, 2014. 2. Comparative Study of Different Filters with Several Window Techniques Using Wavelet for Removing Noise from ECG Signal, International Journal of Research in Advent Technology, Vol.-2, No.-5, 2321-9637, 2014. 3. Radiation Effects on MOSFET at Deep- Submission Technology, presented in International Conference on

	Emerging Technologies organized by N.C. college of Engineering, Israna, 24-26 April 2014.
	4. Analysis of Chess Board Protocol for ROF System, presented in International Conference on Emerging Technologies organized by N.C. college of Engineering, Israna, Israna, 24-26 April 2014.
	5. Presented paper, Performance Analysis of Music algorithm for coherent signal, 3rd National Conference on Photonics and Material Science, Conference proceedings NCPMS-2015 at GJUST, Hisar.
	6. Design and Simulation of a radio Frequency Tumuor Ablation, IJST, Vol.-4, Issue-07, 2321-0613, 2017.
	7. Techniques of direction of arrival estimation: A Review, The IUP Journal of Electrical & Electronics Engineering, Vol. IX, No. 1, January 2016, pp. 48-56.
	8. Efficient Color Image Quality Assessment Using Gradient Magnitude Similarity Deviation, IJECT, Vol-8 Issue 3, 2230-9543, 2230-7109, Sep. 2017.
	9. Performance Analysis of Music and Improved Music algorithm for coherent signal, JETIR Vol.-4, Issue-12, 2349-5162, 2018.
	10. UMCV Forecasting of Indian Energy Exchange Using Artificial Intelligence, International Conference on Sustainable Computing in Science, Technology & Management, SUSCOM-2019 at Amity University Rajasthan, Jaipur, India, February 26-28, 2019, 737-744.
	11. An Experimental Analysis of MVDR and MUSIC Algorithm, IJITEE, ISSN No. 2278-3075, Vol.-8, issue 8S3, June 2019.
	12. Performance Estimation of Link-Compensated DWDM RoF and FSO based Hybrid Network, STM Journals, Trends in Opto Electro & Optical Communication ISSN: 2231-0401, Vol-9, Issue-2.
Administrative duties/ Responsibilities	☐ Working as a MIS Coordinator in TEQIP-III since Feb. 2019 ☐ Member Departmental BOS since Oct. 2018.