


Name of Teaching Staff	:	Dr. SANTOSHKUMAR SABAT	
Designation	:	Assistant Professor	
Department	:	Electronics and Telecommunication Engineering	
Date of Joining the Institution	:	15/01/2025	
Email ID	:	sssabat87@gmail.com	
Office Contact	:	Santoshkumar.Sabat@djsce.ac.in	
Vidwan Link	:	https://vidwan.inflibnet.ac.in/profile/248431	
Google Scholar Link:		https://scholar.google.com/citations?user=N74EJiQA-AAJ&hl=en	
Researchgate Link:		https://www.researchgate.net/profile/Santoshkumar-Sabat?ev=hdr_xprf	
ORCID		https://orcid.org/my-orcid?orcid=0000-0002-2581-4137	
Publons Researcher ID:		Q-4836-2019	
Qualifications with Class / Grade	:	1. PhD from VNIT, Nagpur in Electronics and Communication Engineering (2021). 2. M. E. in Electronics and Telecommunication Engineering from Mumbai University with First Class (2014). 3. B. E. in Electronics Engineering from Mumbai University with First Class (2010).	
Total Experience in Years	:	Teaching: 11 years	
Papers Published in Journal:	:	1. Santoshkumar Sabat et al., "Full-Duplex Cooperative Spectrum Sensing with Primary User Activity in Cognitive Radio Networks," IETE Technical Review , Taylor and Francis, 2017 (SCI). 2. Santoshkumar Sabat, et al., "Full-Duplex Mobile Cognitive Radio Network under Nakagami-m Fading Environment," AEU-International Journal of Electronics and Communications (Elsevier) , Vol. 109, 2019. (SCI). 3. Santoshkumar Sabat et al., "Cooperative Spectrum Sensing using Mobile Full-Duplex Cognitive Radio and Non-time-slotted Primary user Activity," Transactions on Electrical and Electronics Materials , Springer, 2021. (SCOPUS). 4. Santoshkumar Sabat et al., "Mobile FD-CR with High-Speed VTFET CMOS SOI Switch Under Channel Estimation Error," Silicon , Springer, 2022. (SCI).	
Papers Presented in Conferences	:	1. S. Sabat and S. Kadam, "Adaptive Energy aware reputation-based leader election for IDS in MANET," 2014 International Conference on Communication and Signal Processing, Chennai, India, 2014, pp. 891-894, doi: 10.1109/ICCSP.2014.6949972.	

		<p>2. S. Sabat, A. Gandhi and P. K. Sharma, "Cooperative spectrum sensing in full-duplex CRN with primary user activity", 2018 10th International Conference on Communication Systems & Networks (COMSNETS), Bengaluru, India, 2018, pp. 410-413, doi:10.1109/COMSNETS.2018.8328230.</p> <p>3. S. Sabat, P. K. Sharma and A. Gandhi, "Spectrum Sensing in Mobile Full-Duplex Cognitive Radio," 2018 IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS), Indore, India, 2018, pp. 1-5, doi: 10.1109/ANTS.2018.8710090.</p>
Area of Specialization		Wireless Communication
Professional Memberships	:	Life Member of IETE
		Membership No.: M-503062
Subjects Taught		<p><u>UG Level:</u></p> <ul style="list-style-type: none"> Wireless Communication, Electromagnetics, Probability and Stochastic Process, Digital Communication. <p><u>PG Level:</u></p> <ul style="list-style-type: none">
Projects Guided	:	<p><u>UG Level:</u></p> <p><u>PG Level:</u></p>
Recommended Students for Higher Education		<p><u>Name of the Student</u></p> <p><u>University/Industry</u></p>
Institute/Department Responsibility handled:		<p>Minutes of meeting Coordinator</p> <p>Assisted in NBA criteria work</p>