Faculty Profile

Name of Faculty : Dr. Santosh D. Bhopale	
Designation : Assistant Professor and Dean Quality Assurance	
Qualification : Ph.D, M.E (E&Tc)	
Specialization : Communication Engineering	

Official Email ID: santoshbhopale.dypcet@dypgroup.edu.in

Memberships	
	1. International Association of Engineers (IAENG)- 140278-Life Member
	2. The Indian Society for Technical Education (ISTE) – LM69952- Life Member
	3. International Society for Research and Development (ISRD)-M4150900731- Lifetime
	4. Institute for Engineering Research and Publication (IFERP)-17216135 – Lifetime
	5. Institute for Exploring Advances in Science & Engineering (IEAE)-India.
	6. The Society of Digital Information and Wireless Communications (SDIWC)- ID:17439.
	7. International Association Of Journals And Conferences (IAJC)-ID: 9850889919.
	8. i-Explore International Research Journal Consortium (IIRJC)-ID: 14043.

Courses Taught	
	• Internet of Things
	• Cellular Mobile Communication
	• Information Theory & Coding
	• Data Communication & Network

Roles and Responsibilities	
	• Dean Quality Assurance
	• Member secretary NEP 2020 task force
	• Member secretary Planning & Evaluation Committee
	• Member secretary Academic Audit Committee
	• Member secretary NBA Core Committee
	• Student Mentor

Research Contribution	**International Journals:**
	1. "Next Generation Routers based on QoS is the Future of Wireless Communication" GIS Science Journal, ISSN: 1869-9391, Vol. 8, Issue 3, 2021 Page No.: 1110-1116
	2. "Enhancement in routers for Next Generation Network (NGN) based on QoS" Journal of Advanced Research in Dynamical and Control Systems, (JARDCS),Vol. 10, Issue 8, 2018 (Scopus Indexed) Page No.: 1485-1495
	3. **"**Evolution of policer to enhance NGN Router using MATLAB", **International Journal Of Innovative Research In Technology (IJIRT), ISSN (Online) 2349-6002, Volume 4, Issue 4, September 2017, Page No: 139-145**
	4. **"**An Overview on Quality of Services based Routers for NGN", **International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), ISSN (Online) 2278 -1021, Volume 5, Issue 9,September 2016, Impact Factor: 5.332**
	5. "A survey on QoS based Routers for Next Generation Network (NGN)", **International Journal of modern Trends in Engineering and Research (***IJMTER***), ISSN (Online)-2349-9745, Vol: 2, Issue -9, August 2015, Impact Factor: 2.126**
	6. "Implementation of Image Segmentation using FPGA", **International Journal of Engineering Research & Technology(IJERT),ISSN 2278-0181,Volume 3, Issue 4, April 2014.**
	7. "Implementation of Huffman image compression and Decompression Algorithm", **International Journal of Innovative Research in Electrical, Electronics, Instrumentation and control Engineering (IJIREEICE) ISSN (online)-2321-2004,(print) 2321-5526, Volume 2, Issue 4,April 2014.**
	8. "Simulation of per antenna coding schemes of receiver for wireless communication", **International Journal of Electrical & Computer Engg.,(IJEC),ISSN-0974-2190,Volume3,Dec 2011**
	B. International Conferences:
	1. "QoS based Enhancement in Routers for Next Generation Network (NGN)", **IEEE-International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (IEEE- EECCMC),** 28-29 Jan 2018 at Priyadarshini Engineering college, Vellore
	2. "Performance analysis of Next Generation Network Router using MATLAB simulator", **International Conference on Emerging Trends in Engineering, Technology and Architecture (iCETETA-2017),** 11th March 2017, at D.Y.Patil College of Engg. & Tech. Kolhapur

	3. "Implementation of QoS based Policer in Routers for Next Generation Network (NGN)", in **International Conference on Advanced Technologies for societal Application-2016**,23rd Dec 2016, SVERI, Pandharpur, Maharashtra sponsored by **Springer.** 4. "Performance Analysis of Per Antenna Scheme for extending the capacity of next generation wireless LAN using Zero Forcing equalization", **Multiconference on Intelligent Systems & Nanotechnology (IISN-2010), International conference on Intelligent system & 1st International conference on Nanotechnology-Feb.26-28-2010-** Computational Intelligence Laboratory (CI-Lab) Centre for Excellence in Nanotechnology (CENT)- Institute of Science & Technology , Klawad-133105, Haryana, India 5. "Performance evaluation of Alamouti SIC & no coding at flat Rayleigh channel with and without hard decoding for PAC-MIMO scheme" **International Conference on "Communication Computation Control & Nanotechnology" (ICN-2010) October 29 –30, 2010-** *Departments of Telecommunication Engineering, Electronics & Communication Engineering and Instrumentation Technology,* RURAL ENGINEERING COLLEGE BHALKI-585328
FDP/Workshop Attended	• **Attended the *FDP* on *National Education Policy (NEP) - 2020: Challenges and Opportunities at YBP Savantwadi***
Awards	• Awarded with **"Best Faculty Award"** by TOP International Educational Trust and TOP ENGINEERS, Chennai in March 2017.