




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT
22 Mile, B.M Kaval, Udayapura, Kanakapura Road, Bangalore-560082.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Faculty Name	Dr.SiddalingappagoudaBradar	
	Associate Professor	
Educational Qualification	BE[ECE], M.Tech, PhD	
Experience in Years	10.5 years	
Area of Interest	Wireless Communication and Computer Networks	
Email ID	s.biradar-ece@dsatm.edu.in siddubiradarr@gmail.com	

Educational Details

- Ph.D in Wireless Communication from VTU University, Belagavi, Karnataka, 2019.
- Master of Technology in Digital Communication and Networking with 74% from KLS Gogte Institute of Technology, Belagavi, Karnataka, 2011.
- Bachelor of Engineering in Electronics & Communications with 59% from BLDEA's Dr PG Halakatti College of Engineering & Technology, Vijayapura, Karnataka, 2008.

Personal Details

- Date of Birth:27/05/1985
- Gender: Male
- Language Known: English, Kannada and Hindi
- Address: Dr. SiddalingappagoudaBiradar, #2154, 1st Floor, 3rd B Main Road, RPC Layout, Vijayanagar, Bangalore-560040
- Nationality: Indian

Professional Experience

- Currently working Associate Professor in DayanandaSagar Academy of Technology and Management (DSATM), Bangalore, July 2019 to till date.
- 6 Years of Research Experience at DayanandaSagar College of Engineering, Bangalore, January 2012 to June 2018.
- 8 Years of Teaching Experience at Don Bosco Institute of Technology, Bangalore, January 2011 to July 2019.

Publications

International Journal:

- SiddlingappagoudaBiradar, Santosh M NeजारPrabhu and G Benakop “**Simulation and Performance Analysis of PDSCH in 5G NR**”, International Journal WAFFEN-UND KOSTUMKUNDE (Scopus Indexed), ISSN NO: 0042-9945, Volume XI, Issue III, March/2020.
- SiddlingappagoudaBiradar,Santosh M Neजार, Prabhu G Benkop, Sharanabasappa R, “**Filtered-Orthogonal Frequency Division Multiplexing Technique for 5th generation**”

Mobile Communication” International Journal of Innovative Technology and Exploring Engineering (IJITEE)-Scopus Indexed Journal, Vol. 8 Issue-12, Pp 3763-3767, Oct 2019.

- Siddlingappagouda Biradar, P. T. Kulkarni, “**Simulation and Comparison of Energy Efficient Routing Protocols in MANETs using NS2**”, International Journal of Advanced Research in Computer Engineering & Technology, ISSN: 2278-1323, vol. 3, pp. 231-237, April 2014.

International Conferences:

- Siddalingappagouda Biradar, Sharanabasappa K, ShashiRanjan, “**Simulation and Performance Analysis of PUSCH in 5G NR**”, International conference on Smart Modernistic in Electronics and Communication, St. Martin’s Engineering College Secunderabad, Teleangana, ISSN: 978-93-80831-43-5, 29th and 30th June 2020.
- Siddlingappagouda Biradar, P T Kulkarni, “**An Improved Quality of Service Using P-AODV Protocol in MANETs**” IEEE International Conference on Applied and Theoretical Computing and Communication Technology, Karpagam College of Engineering, Coimbatore, ISSN: 978-1-5090-3355-33, vol. 1, pp. 648-652, Feb. 2016.
- Siddlingappagouda Biradar, P T Kulkarni, “**Enhanced Quality of Service Using M-DSR Protocol in MANETs**” Grenze International Conference on current Trends in Engineering Science and Technology, Kaasatte University Bangkok, ISBN: 978-81-93-1119-5-6, pp. 530-536, Jan. 2017.
- Siddlingappagouda Biradar, P T Kulkarni, “**Simulation and Performance Analysis of Modified Energy Efficient DSR Protocol in MANETs**” Springer Proceeding International Research Symposium on Computing and Network Sustainability, ISBN: 978-981-10-3934-8, pp. 2367-3370, June 2016.
- Siddlingappagouda Biradar, P T Kulkarni, “**Enhanced Quality of Service Using M-AODV Protocol in MANETs**” IEEE International Conference on Applied and Theoretical Computing and Communication Technology, Bapuji Institute of Technology Davanagere, ISSN: 978-1-4673-9223-5, vol. 1, pp. 648-652, Oct. 2015.

Academic Activity

- Workshop Co-ordinator., Industrial Trip Co-ordinator, Placement Co-ordinator, AICTE Co-ordinator, NAAC & NIRF Co-ordinator, Project Guidance and Co-ordinator, Mentor.

Faculty Development Activity

Workshop Conducted (as Resource Person)

- One Day, Hands-on Workshop, on “Computer network using NS2” at Don Bosco Institute of Technology Bangalore, on 8th July 2021.
- One Day, ATAL AICTE FDP on “Hands On using MATLAB, OMNET++ in 5G Technologies” at JNN College of Engineering Shimoga, on 13th July 2021.
- One Day, Webinar on “4G-LTE and 5G Wireless Network” with Hands-on Session at Global Academy of Technology (GAT) Bangalore, on 15th June 2021.
- One Day, Webinar on “4G-LTE and 5G Wireless Network” with Hands-on Session at BLDEA, VP Dr. P G Halakatti College of Engineering and Technology Vijayapura, on 13th May 2021.
- One Day, IETE FDP Sponsored Hands-on session on “5G Technologies” at KS Institute of Technology Bangalore, on 26th May 2021.
- One Day, Hands-On Workshop on “Computer Networking Using Network Simulator 2 and NS-3”, at Dept. ECE, Dayananda Sagar University, Bangalore on 26th June, 2020.
- Two Day, Hands-On Workshop on “Computer Networking Using Network Simulator 2 and NS-3”, at Dept. ECE, St. Peter’s Engineering College, Hyderabad, on 19th-20th May, 2020.
- Two Day, Hands-On Workshop on “Computer Networking Using Network Simulator 2 and

NS-3”, at Dept. ECE, Pune Institute of Computer Technology, Bangalore, on 9th-10th May, 2020.

Workshop Attended

- Five Day, STTP on “IOT-5G and Beyond with Deep Learning” at Mahindra University EcoleCentrale School of Engineering, Hyderabad, on 7th – 11th July 2021.
- Five Day, ATAL FDP on “Towards 5G and Beyond with IoT and Machine Learning” at School of Engineering and Technology Central University of Haryana, on 26th – 30th July 2021.
- Five Day, FDP on “Next Generation Wireless Communication: 5G & Beyond” at KS Institute of Technology Bangalore, on 3rd – 8th May 2021.
- Five Day, Workshop on Recent IT Technologies, Writing Papers and Funding Proposals, conducted by Rajambapu Institute of Technology, Rajaramnagar, on 20th June to 24th June 2020.
- Six Day, Workshop on Innovation Design Thinking and Entrepreneurship, Sreenidhi Institute of Science and Technology, Hyderabad, on 1st June to 6th June, 2020.
- Five Day, Workshop on Cyber Security by NIT Chandigarh, on 28th May to 1st June. 2020.
- One Day, Workshop on “Applied AI and Machine Learning use cases for Enterprises” conducted by Ramco Institute of Technology, Rajapalayam, on 13th June 2020.
- Three Day, Workshop on “Telemedicine, IOT and Nanoscience” conducted by GSSS Institute of Engineering and Technology, Mysore, on 10th to 12th June 2020.

Administrative Activity

- IETE Department Co-ordinator at ECE DSATM, Bangalore.
- Coursera Online Learning Co-ordinator at ECE DSATM, Bangalore.

Course Completed

- Completed **Cisco CCNA, CCNP and CISCO DEVNET** Certification.
- Completed CCNA Course in Cisco Network Academy,
- CCNA: Enterprise Networking, Security and Automation,
- CCNA: Switching, Routing and Wireless Essentials,
- CCNA: Introduction to Network.
- Completed **NPTEL** Course on, **Computer Network and Internet Protocols**.
- Completed **Coursera** Course on, The Bits and Bytes of Computer Networking, Peer to Peer Protocols and Local Area Networks, Introduction to Fundamental of Computer Networking.
- Completed **Udemy** Course on, 4G LTE: Technology, Architecture and Protocol.
- 5G Masterclass: Architecture, NR RAN, Core and flows.
- Completed **Udemy** Course on, Master Network Automation with python for Network Engineers.
- Completed **Udemy** Course on, 5G RF Planning.

Contact Details

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Cisco CCNA and Network Automation Certified,
Ph.D in Wireless Communication,
Associate Professor at DSATM Bangalore
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My Vision

Prepare students to be change makers in their professional workforces after graduation.