

BIO-DATA



Recent Photograph

1.	Name	Nishan Patnaik			
2.	Designation	Assistant Professor			
3.	Residential Address	703, Goodwill Mansion, Plot No. 15, Sector 26, Vashi, Navi Mumbai			
4.	Date of birth	07/08/1976			
5.	Total Experience	11 Yrs			
i.	Teaching	10 Yrs.			
ii.	Industrial	01 Yr.			
6.	Qualifications				
	Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI
	M.Tech	2006	Kurukshetra University	Electronics and communication	71%
	Additional Qualification: 1. Credit Based course in Antenna Design from IIT Bombay in 2016				
7.	Employment Record				
	Institution	Year (From To)	Designation		
	FCRIT, Vashi	2012 - till date	Assistant Professor		
	Wattumul Institute of Electronics Engineering & Computer Technology	2011-2012	Assistant Professor		
	RGIT Versova	2010-2011	Assistant Professor		
	SPIT	2003-2005	Assistant Professor		
	NIT Kurukshetra	2002-2003	Assistant Professor		
8.	Undergraduate / Postgraduate Teaching Experience and Subjects Taught				
	Subjects Taught at UG level				
	Sr.No.	Name of Subject	Semester		
	1	Telecom network and management	VII		
	2	Project Management	VI		
	3	RF Modelling and Antennas	IV		
	4	Electromagnetic fields and waves	IV		
	5	Electrical Networks	IV		
	6	Signal Processing	V		
	7	Electronic devices and Circuits	IV		
	8	Mobile communication Systems	VII		
	9	Electrical and electronic measurements	III		
	10	Communication Engineering	IV		
	Subjects Taught at PG level				
	Sr.No.	Name of Subject	Semester		
	1.	Optical Fibre Communication	II		
9.	Research Experience				
10.	Research Funding / Consultancy Services:				

	Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees	Period
Research Grants:							
	Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project	
Technical Collaboration / Lab Funding with Industries							
	Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year		
11.	Professional Societies Fellowship / Membership ISTE membership						
12.	Achievements / Awards / Position -----						
13.	Projects guided in UG/PG level Area- Embedded systems, Antennas, Sensor Networks, etc.						
14.	Short Term Training Programmes attended <ol style="list-style-type: none"> Teaching Pedagogies for Engineering Education in Fr.C.Rodrigues Institute of Technology in SH2019. Electric and hybrid vehicle technology in Fr.C.Rodrigues Institute of Technology in SH2018. Project Management for national development in V. J. T. I. Wadala, Mumbai in FH 2017. Medical Signal and Image Processing-II(MSIP 2017) in NIT Raipur, in May 2017. RF circuit Design in V. J. T. I. Wadala, Mumbai in FH 2015. Electromagnetic Fields and its Applications in Fr.C.Rodrigues Institute of Technology in FH2014. 						
15.	List of Journal Papers Published (list in IEEE format) <ol style="list-style-type: none"> Mr.Chaitanya Vijaykumar Mahamuni, Dr.K.T.V.Reddy, Ms. Nishan Patnaik " A Relative Study and Analysis of Various Energy Efficiency Schemes in Wireless Sensor Networks," . International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (An ISO 3297: 2007 Certified Organization) Vol. 4, Issue 9, September 2015. Mr.Chaitanya Vijaykumar Mahamuni, Dr.K.T.V.Reddy, Ms. Nishan Patnaik " Study of Metamaterials as an Emerging Technology in Microwave and Millimeter-wave Wireless Communication," . Research Chronicle A Peer-Reviewed Refereed and Indexed International Multidisciplinary Research Journal, Volume III Issue VII: September – 2015. Mr.Chaitanya Vijaykumar Mahamuni, Dr.K.T.V.Reddy, Ms. Nishan Patnaik "Energy Efficient Performance in Wireless Sensor Networks: A Literature Survey," Research Chronicle A Peer-Reviewed Refereed and Indexed International Multidisciplinary Research Journal Volume III Issue VII: September – 2015. Ms. Nishan Patnaik " DOA Estimation Algorithm for Smart Antennas-An Investigation," International Journal of Innovative Science and Modern Engineering (IJISME) ISSN: 2319-6386, Volume-3 Issue-5, April 2015. Naveed Ahmad, Sadhana Pai, Nishan Patnaik, "Design of a Compact Microstrip Antenna for Medical Application at 2.38 GHz" IJCA Proceedings IISC 2017 with effect from June 7, 2018, ISBN: 973-93-80975-32-3. 						
16.	List of Papers Published in National and International Conferences (list in IEEE format) <ol style="list-style-type: none"> Mr.Chaitanya Vijaykumar Mahamuni, Dr.K.T.V.Reddy, Ms. Nishan Patnaik, " Optimal Backoff Sleep Time based Protocol for Prolonged Network Life with Blacklisting of Failure-Prone Nodes in Wireless Sensor Networks ," 3rd International Conference on Innovations in information, Embedded and Communication Systems (ICIIECS),2016. Mr.Chaitanya Vijaykumar Mahamuni, Dr.K.T.V.Reddy, Ms. Nishan Patnaik, " Optimal Backoff Sleep Time Algorithm for Improved Sleep Scheduling Performance in Wireless Sensor Networks," IEEE SPONSORED 3rd INTERNATIONAL CONFERENCE ON ELECTRONICS AND COMMUNICATION SYSTEMS (ICECS 2016) Mr.Chaitanya Vijaykumar Mahamuni, Dr.K.T.V.Reddy, Ms. Nishan Patnaik " Dielectric response of rectangular planar antenna and characterization of metamaterial superstrates as 						

	<p>low loss dielectric for improve radiation; a case study," TQICCDT-2015, ISBN 978-93-5254-002-0.</p> <p>4. Gaurav Gosavi, Amarkumar Gupta, K. Leo Joseph, Vaibhav Sharma, Ajay Fernandes, Nishan Patnaik, "Energy Management Strategy in standalone DC microgrid ""2018 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT 2018) ".</p> <p>5. Chaitanya Mhetre, Pranav Narkhede, Yudhajeet Pashte, Neel Patankar, Nishan Patnaik, "Solar Powered Wireless Sensor Network using ZigBee Module"IEEE Sponsored Third International conference on Intelligent computing and Control Systems(ICICCS19), Coimbatore.</p>
17.	Books/Reports/General articles etc.
18.	Invited Lectures in FDP/ STTP
19.	International Conference Technical Program Committee Member / Reviewer
20.	Patents