DEEPAK.K.S

Assistant Professor

Contact Details

Office Address : Assistant Professor,
Dept. of Applied Electronics and Instrumentation,
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Professional Qualifications

B-Tech	Specialization	Electronics and Communication
	Institute/University	T.K.M C.E, Kerala university
	Year	1988
M-Tech	Specialization	Communication Systems
	Institute/University	I.I.T, Madras
	Year	2009
PhD	Specialization	Wireless networks
	Institute/University	N.I.T, Calicut
	Year	2016

Areas of Interest

- Wireless networks, Wireless communication

Professional Experience

- **Industrial experience:** 15 years in Kerala State Electronics Development Corporation (1989-2004).
- **Teaching experience** : 13 years in Technical education (Since 2004)

Training Details (2014-15 Onwards)

Course Name	**Conducted By**	**Sponsoring Agency**	**Period**	**No of days**
STTP on RF Systems and Simulation Tools	GCE,Kannur	**DTE**	17-11-2014 22-11-2014	**6**
STTP on Advancements in Analog Circuits	GCE,Kannur	**DTE**	26-11-2014 28-11-2014	**3**
DSP and Control Systems: Principles and Approaches	College of Engg, Vadakara	TEQIP	1-12-2014 6-12-2014	**6**

Recent Trends & Techniques in Digital Image Processing	College of. Engineering Vadakara	TEQIP	30-11-2015 05-12-2015	**6**
Introduction to Advanced Softwares in Civil Engineering	GEC, Kozhikode	DTE	09-03-2016 15-03-2016	**7**

Publications

- Deepak.K.S. and A.V.Babu, "Improving Reliability of Emergency Data Frame Transmission in IEEE 802.15.6 Wireless Body Area Networks," DOI (identifier) 10.1109/JSYST.2017.2717189, *IEEE Systems Journal*, June 2017

- Deepak.K.S. and A.V.Babu, "Energy consumption Analysis of Modulation schemes in IEEE 802.15.6 based Wireless Body Area Networks", *Eurasip Journal of Wireless Communications and Networking*, Springer, 2016, DOI: 10.1186/s13638-016-0682-5, vol. 2016, no. 1, pp. 187-200, online: Aug 2016.

- Deepak.K.S. and A.V.Babu, "Enhancing reliability of IEEE802.15.6 based Wireless Body Area Networks in Scheduled Access Mode and error prone channels", Wireless personal communications, Springer. DOI: 10.1007/s11277-016- 3254-4, pp. 1-26, Online: Mar 2016.

- Deepak.K.S and A.V.Babu, "Energy Efficiency Analysis of IEEE802.15.6 based Wireless Body Area Networks in Scheduled Access Mode", Wireless Networks, Springer. DOI 10.1007/s11276-015-1041-x, Online: Aug.2015

- Deepak.K.S. and A.V.Babu, "Improving Energy Efficiency of Incremental Relay based Cooperative Communications in Wireless Body Area Networks", International Journal of Communication Systems, Wiley Online Library vol.28, no.1, pp.91-111, 2015.

- Deepak.K.S and A.V.Babu, "Performance Evaluation of Forward Error Correction Schemes in Wireless Body Area Networks" Proc of Intelligent Computing and Applications springer, 2015, NIT Durgapur, pp. 469-478.

- Deepak.K.S and A.V.Babu, "Optimal Packet Size for Energy Efficient WBAN Under M-periodic Scheduled Access Mode" Proc. of IEEE NCC, 2014, IIT Kanpur, pp. 1 - 6.

- Deepak.K.S. and A.V.Babu, "Energy efficiency of IEEE 802.15.6 based wireless body area networks in scheduled access mode", Proc of IEEE ICACCI-2013. SJCE, Mysore, pp. 301-307.

- Deepak.K.S. and A.V.Babu, "Packet Size Optimization for Energy Efficient Cooperative Wireless Body Area Networks", Proc of IEEE Indicon, 2012, RSET, Kochi, pp. 736-741.