Dr.BINESH T

PROFILE	Associate Professor (Electronics) Model Engineering College,Ernakulam. email : binesht@mec.ac.in	
EXPERIENCE	19 YEARS IN TEACHING	

EDUCATION	
Ph.D in the area of Ocean Electronics	Cochin University of Science and Technology, India,
M.E–Applied Electronics	Anna University, Chennai
B Tech – Electronics and Communication	Mar Athanasius College of Engineering Kothamangalam

AREAS OF INTEREST
Ocean Electronics, Optics, Electronic Circuits, Mathematical Physics

MEMBERSHIP IN PROFESSIONAL BODIES

Member, IEEE

Life Member ISTE (Indian Society for Technical Education)

International Journals and Conferences

1.Binesh T, Supriya M.H. and P.R. Saseendran Pillai: *An Efficient Underwater Signal Classifier with Enhanced Fading Channel Performance:* Journal of Circuits, Systems and Computers, World Scientific Publishing Company,vol.23, no.9, pp.1450121-1-16DOI: 10.1142/S0218126614501217

2. Binesh T, Supriya M.H. and P.R. Saseendran Pillai: *A Non parametric Estimation based Underwater Target Classifier*: Signal Processing: An International Journal (SPIJ), vol 5, issue 4, 2011, pp.156-164. ISSN - 1985-2339

3.Binesh T, Supriya M.H. and P.R. SaseendranPillai :*A Codebook of Feature Vector for Underwater Targets*: Proceedings, OCEANS- 2009, USA, MTS/IEEE Biloxi-Marine Technology for Our Future: Global and Local Challenges, IEEE Xplore, 2009, pp. 1-6.doi: 10.23919/OCEANS.2009.5422224.

4.Binesh T, Supriya M.H. and P.R. Saseendran Pillai: *State Transition Matrix for an HMM based Underwater Target Classifier*: International Symposium on Ocean Electronics, SYMPOL-2009, IEEE Xplore, 2009, pp. 66-71.doi: 10.1109/SYMPOL.2009.5664145.

5. Binesh T, Mohan Kumar K., Supriya M.H., and P.R. Saseendran Pillai: *Underwater Target Classifier Using a Modified Transform based Feature Set*: International Journal of Electronics and Communication Engineering, vol. 2, issue 3, 2013, pp.21-32.

6.Binesh T, Supriya M.H. and P.R. Saseendran Pillai: *Discrete sine Transform based HMM Underwater Signal Classifier*: International Symposium on Ocean Electronics, SYMPOL-2011, IEEE Xplore, pp. 152-156.doi: 10.1109/SYMPOL.2011.6170513

7. Binesh T, Supriya M.H. and P.R. Saseendran Pillai: *Underwater target Classifier Capable of reducing self-convolution distortion:* Proc., OCEANS-2014, September, MTS/IEEE, St. Johns, Newfoundland, Canada, IEEEXplore- pp-1-6,doi: 10.1109/OCEANS.2014.7003010

8. Binesh T, Supriya M.H. and P.R. Saseendran Pillai: *Underwater target Classifier using Modified Kaiser-Bessel Window*:International Symposium on Ocean Electronics, SYMPOL 2013, IEEE Xplore, pp. 82-87.doi: 10.1109/SYMPOL.2013.6701915.

9. Sreelakshmi T.N, Binesh T and Jessy John: *QRS Complex Processing System for Telemetry-A comparative study based on filters*:International Conference on Microelectronics, Communication and Renewable Energy (ICMiCR-2013), IEEEXplore, pp.1-6 DOI:10.1109/AICERA-ICMiCR.2013.6576015.

COURSES HANDLED

Sl.No	**Course Name**	**UG/PG**
1	Optoelectronics	PG (Optoelectronics and Communication)
2	Advanced Optical Communication	PG (Optoelectronics and Communication)
3	Adaptive Signal Processing	PG (Signal Processing)
4	Biophotonics	PG (Optoelectronics and Communication)
7	Solid State Electronics	B Tech EC (CUSAT)
8	Project	B Tech EC (KTU)

OTHER DUTIES/RESPONSIBILITIES
M-Tech Coordinator-Optoelectronics and Communication Systems, Model Engineering College
NBA Coordinator- Model Engineering College
Member, Internal Audit Cell
Member, Institutional Technical Committee
Member- exam Cell, Model Engineering College
Member-PTA, Model Engineering College
Faculty in Charge, Optoelectronics Lab, Fiber Optics lab and Optical Communication Lab