Dr.Laila D

PROFILE	Professor & Head , Dept. of Electronics Engg Model Engg. College, Thrikkakkara, Cochin 682021, Kerala, 04842575370 (333), +919847734728 Email :hodec@mec.ac.in, laila@mec.ac.in	
EXPERIENCE	25 years of teaching experience	

EDUCATION

Ph.D - Microwave Electronics

Title of the thesis “Development and investigation of Mobile antennas for less radiation hazards”

M.Tech – Digital systems and Communication Engineering

BE– Electronics and Communication Engineering

B Sc- Physics

AREAS OF INTEREST

- Microwave antennas
- Mobile antennas
- RF and Microwave planar devices
- Polarization Independent Chipless RFID Tag

Microwave photonics

SUBJECTS HANDLED

Antenna & Wave propagation

Microwave and Radar Engineering

Analog communication Engineering

Advanced Communication systems

Electronic Circuits

Analog Integrated Circuits

Research methodology

Advanced Digital Communication

PUBLICATIONS

International Journals

1.**D. Laila**, R. Sujith, M. N. Sreejith, C. K. Aanandan, K Vasudevan and P.Mohanan "Mobile antenna with reduced radiation hazards towards human head" Progress In Electromagnetics Research Letters, Vol. 17, 39-46, 2010.

2.**Laila.D**, Sujith.R, Shameena V.A,Deepak.U,Nijas.C.M and P.Mohanan"CPW fed antenna for moble handset with metal wire mesh", *Proceedings published by International Journal of Computer Applications® (IJCA), Number 1 - Article 1, pp 25-28, 2011.*

3.**Laila.D**, Sujith R, Nijas C.M, C. K Aanandan, K Vasudevan and P. Mohanan "Modified CPW fed monopole antenna with suitable radiation pattern for mobile handset" Microwave Review Journal pp 8-12 Septembar 2011.

4.**Laila D**, Sujith R, Nijas C M, Sarin V P and P Mohanan "Compact modified printed monopole antenna for enhanced gain performance" International Journal of Applied Information Systems, Volume 1– No.5,pp 1-3 February 2012

5. R. Sujith, S. Mridula, P. Binu, **D. Laila**, R. Dinesh and P. Mohanan, "Compact CPW-fed ground defected H-shaped slot antenna with harmonic suppression and stable radiation characteristics" Electronics letters 10th June 2010 Vol. 46 No. 12.	
6**.** R. Sujith, V. Deepu, S. Mridula, Binu Paul, **D. Laila**, P. Mohanan " Compact CPW-fed uniplanar antenna for multiband wireless applications" AEU - International Journal of Electronics and Communications, In Press, Corrected Proof, Available online 10 October 2010.	
7. R.Sujith, Mridula S, **Laila D**, C K Aanandan, K Vasudevan and P Mohanan, " Compact CPW-Fed Slot Antenna with harmonic suppression", International journal of RF and Microwave computer-Aided Engineering, Volume 21, Issue 5, pages 543–550, September 2011	
8**. D.Laila**,R.Sujith,V.A.Shameena,C.M.Nijas, .P.Sarin and P.Mohanan "Complementary split ring resonator based microstrip antenna for compact wireless applications" Microwave and optical technology letters Vol55 pp 814-816,2013	
9**. Laila.D**,Riny Thomas,Nijas C M,and Mohanan P "A novel Polarization Independent Chipless RFID Tag Using Multiple Resonators" Progress In Electromagnetics Research Letters, 2015,Vol55,pp 61-66	
International Conferences	
1. **Laila D**, Sujith Raman, Sreejith M Nair, Aanandan C.K, Vasudevan K. and Mohanan P "Modified CPW fed monopole antenna with a radiation pattern suitable for mobile handset", 2011 International Conference on Communications and Signal Processing(ICCSP2011), Calicut, India	
2 **Laila.D**, Sujith.R, Shameena V.A, Deepak.U, Nijas.C.M and P.Mohanan"CPW fed antenna for moble handset with metal wire mesh" ICVCI-2011,St.Gits,Kottayam	
3. Sujith, Mridula S, Binu Paul, **D. Laila**, C.K. Aanandan, K. Vasudevan and P. Mohanan "Compact CPW-FED Defected Ground Antenna", EUCAP2010, Barcelona,Spain 2010	
4. **Laila D** , Mohanan P "Modified CPW fed monopole antenna with reducedSAR value for mobile application, Applied Electromagnetic conference-2011 (AEMC-11), Kolkatta, India	
5. **Laila D**, Sujith R, Nijas,C M, Shameena V.A, Dinesh R, P Mohanan "A Metamaterial antenna with reduced radiation hazards towards human head"PIERS 2012 Kuala Lumpur	
6. Sujith.R, **Laila.D**, Nijas.C.M Deepak.U ,R.Dineshand P.Mohanan"CPW " Feeding techniques to excite slot on an Open Ended coplanar waveguide transmission line" PIERS 2012 Kuala Lumpur	

7. **Laila.D** ,Riny Thomas, Nijas C M ,P Mohanan Compact Polarization Independent Chipless RFID Tag International Symposium on Antennas and Propagation APSYM 2014	
8. Sruthi raj,**Laila D**"FPGA based BCD adder/subtractor using a look up table" ICST 2018 CUSAT Kochi 2018	
National Conferences	
1. Sujith R, **Laila D** and P Mohanan "CPW fed mobile antenna with reduced RF interference towards human head" 24th kerala science congress,kottayam 2012 (**Best poster award 2012**)	
2.Vineetha,Vishnu K ,**Laila D.** Pradeep C,V P N Nampoori"Effect of mobile phone radiation on DNA,its harmful effects and possible solution"24th kerala science congress,kottayam 2012	
3**.D.Laila,** P.Mohanan Mobile antenna operating at GSM band with less radiation towards single quadrant "National Conference on Recent trends in Electronic communication and signal processing(CECASP-2013)" (**Best paper award 2013**)	
4 **Laila D**, P.Mohanan Antenna used for mobile handset with reduced radio frequency interference 23rd Swadeshi Science Congress November 2013(**Best paper award 2013**)	